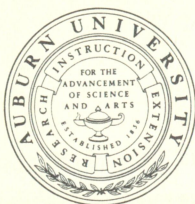




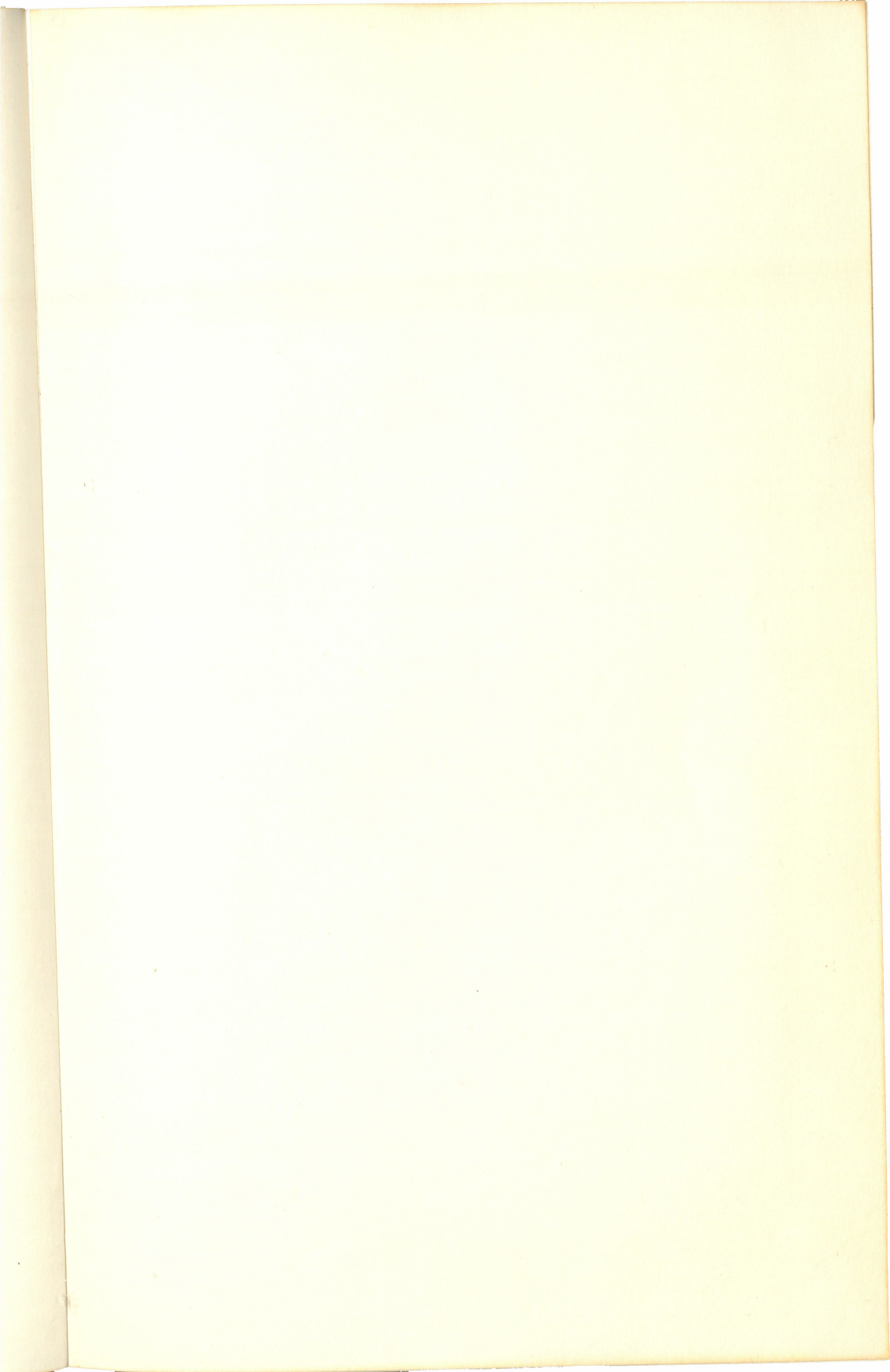
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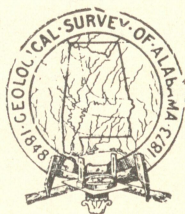
GEOLOGICAL SURVEY OF ALABAMA
WALTER BRYAN JONES, STATE GEOLOGIST

BULLETIN 57

**WELL LOGS OF ALABAMA,
1940-1945**

BY

LYMAN D. TOULMIN



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LETTER OF TRANSMITTAL

University, Alabama ---

September 12, 1945

Honorable Chauncey Sparks
Governor of Alabama
Montgomery, Alabama

Sir:

I have the honor to transmit herewith the manuscript of a report on the Well Logs of Alabama, 1940-1945, with the request that it be printed as Bulletin 57 of the Geological Survey of Alabama.

Respectfully,

WALTER B. JONES,

State Geologist.

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INTRODUCTION

Survey Publications Containing Well Logs

Bulletin 50 of the Geological Survey of Alabama, "Well logs of Alabama", by Edgar Bowles has been in great demand and has been of much service in supplying information on wells drilled in this state prior to 1941. Bulletin 50 contains all Alabama well logs that were available at the time of publication in 1941 and a list of all wells known to have been drilled in this state prior to 1941, for many of which no logs are available. Bulletin 50, therefore, presents a complete record, or as complete a record as it was possible to compile, of drilling in this state up to the date of publication. Since the publication of Bulletin 50 in 1941, drilling activity in Alabama has continued to increase, so that it now seems advisable to bring up to date the information that has accumulated on Alabama wells. More than 100 wells have been drilled in this 5-year period. The present bulletin includes all available logs of wells drilled since 1940 that are not included in Bulletin 50, and in addition includes the logs of several wells that were drilled before 1940 but which were not available when Bulletin 50 was published.

Other publications of the Geological Survey of Alabama, Special Report 15, "Oil and gas in Alabama", and Bulletin 43, "Magnetic investigations in southwest Alabama", contain oil well logs, but these logs are also included in Bulletin 50. In addition to the oil well logs mentioned, the Survey has published logs of water wells which are contained in Monograph 6, "The underground water resources of Alabama", and Special Report 18, "Ground-water resources of the Cretaceous area of Alabama".

The present bulletin contains logs of 82 wells drilled primarily for oil and gas, and logs of 3 water wells. Producing wells are so indicated under the heading *Remarks*. Other wells are dry and abandoned.

Oil and Gas Conservation Laws

In 1940 the Alabama legislature passed the Oil and Gas Conservation Law (S. 364—Young—1940) and set up the State Oil and Gas Board with the State Geologist as Supervisor. In 1945 the Legislature passed a more comprehensive Law (H. 46—Johnston and Redd—

1945) which superseded the 1940 law. The State Geologist is *ex-officio* State Oil and Gas Supervisor and is charged with enforcing the Oil and Gas Conservation Law and the rules and regulations of the State Oil and Gas Board. The Board, composed of three members with staggered terms of office, is appointed by the Governor.

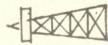
The Alabama Oil and Gas Conservation Law requires the person proposing to drill any well in search of oil or gas, before commencing the drilling, to notify the State Geologist on the official forms and pay a permit fee of \$25.00 for each well, in the form of a certified or cashier's check made out to the State Treasurer. Before a permit is issued for drilling, the operator must submit an acceptable surety bond to the State Geologist. This is released when the well is completed and properly plugged if dry, and when the final well record, logs, and samples are received by the State Geologist. The law also provides that a charge of two per cent of the gross casinghead value of the oil or gas produced shall be paid to the Department of Revenue for the purpose of defraying the expenses connected with the administration and enforcement of the act. A second act (H. 47—Johnston and Redd—1945) provides for additional revenue by levying a privilege tax of four per cent of the gross value, at the point of production, of the oil or gas produced.



Plate II. Alabama's Discovery Well. A. R. Jackson No. 1 Well of Hunt Oil Company.



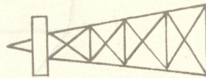
1940
8 wells



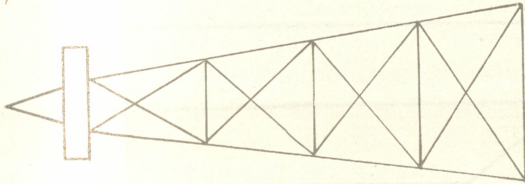
1941
7 wells



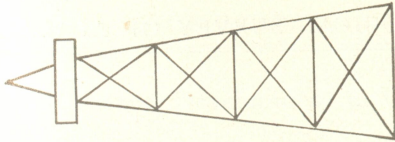
1942
5 wells



1943
15 wells



1944
41 wells



1945 (8 mos.)
30 wells

Plate III. Drilling activity in Alabama 1940-1945. Drilling permits issued each year. This does not include shallow exploratory wells for which permits were not issued.

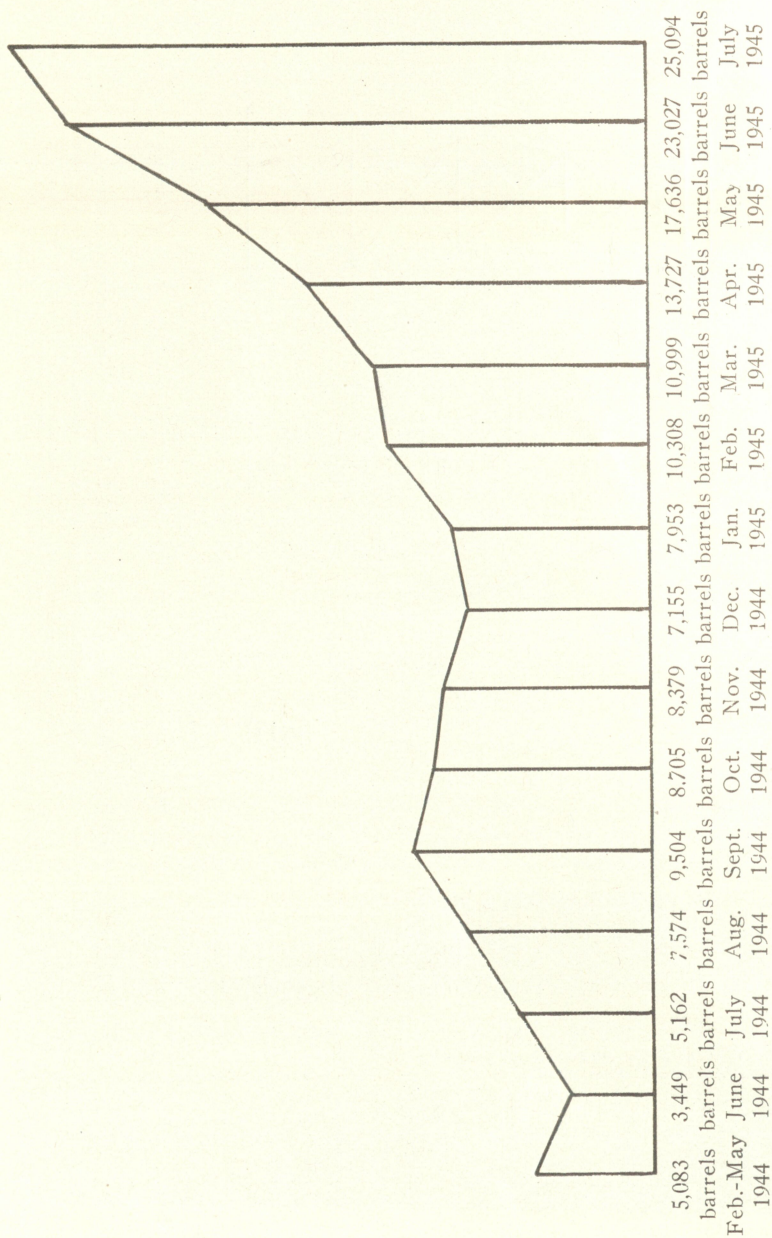


Plate IV. Monthly production of oil from Gilbertown Field, February, 1944-July, 1945.

Oil Exploration and Development in the Southeast

The six-year period 1939 to 1945 has seen the Southeast emerge as one of the important oil-producing regions of the country. Regarded as one of the last frontiers in the search for domestic petroleum reserves, developments already indicate a tremendous future for the Southeast. A little more than six years ago there was not a single producing oil well in the entire region. Beginning with the discovery of oil in Mississippi on August 29, 1939, when the G. C. Woodruff No. 1 well of the Union Producing Company was brought in, development has been rapid. This was the first producing well in what was to become the famous Tinsley field, which in 1942, three years after its discovery, became the third greatest producing field in the United States. The Tinsley structure itself was discovered in February, 1939, by F. F. Mellen of the Mississippi Geological Survey. Its discovery has been attributed to pure scientific stratigraphic methods through the application of a knowledge of the surface geology. Although production from the Tinsley field has declined in recent years, this has been partly offset by the discovery of other productive fields in the state. Cumulative production of all oil fields in Mississippi through 1944 amounted to 83,927,080 barrels. Total production for 1944 was 16,421,800 barrels, and for the first six months of 1945 production climbed to 9,248,229 barrels.

Since the discovery of the Tinsley field, extensive exploration and drilling activities in Mississippi have resulted in the discovery of the Pickens field in 1940; the Cary field in 1941; the Cranfield, Flora, Eucutta, and Brookhaven fields in 1943; the Heidelberg; Gwinville, Mallalieu, and Baxterville fields, and the Bruinsburg gas field, in 1944; and the Langsdale, Hub, Carthage Point, and Fayette fields in early 1945. The Heidelberg field, Jasper County, has seen most rapid development with the completion of 59 producing wells before the first of January, 1945, a little less than a year after the Helen Morrison No. 1 well of the Gulf Refining Company, the discovery well, was brought in (January 27, 1944). The field's total production during 1944 was 1,442,053 barrels. Production is from the upper Tuscaloosa and Eutaw formations on a graben fault system overlying a deep-seated salt dome. The discovery of this very productive field, and the nearby Eucutta field, gave renewed life to exploration and drilling activities in Mississippi and southwest Alabama.

Florida became an oil-producing state during 1943 with the discovery of oil near Sunniland in Collier County. The discovery well, the Gulf Coast Realties No. 1 of the Humble Oil and Refining Company, was brought in during October of that year and produces low gravity oil (gravity 19) from Lower Cretaceous limestone from a depth of 11,613 feet. Total Florida production during 1944, all from this well, was 11,832 barrels. Accumulated production through December, 1944, was 15,869 barrels.

Gilbertown Oil Field

The intensified search for oil in Alabama began to pay dividends with the first discovery of oil in commercial quantity on February 16, 1944. On that date the A. R. Jackson No. 1 well of the Hunt Oil Company was completed as Alabama's discovery well. The well was drilled to a total depth of 5380 feet (according to Schlumberger log), but was plugged back to 2585 feet and was completed from a fracture zone in the Selma chalk. The well flowed by heads at a rate of 30 barrels of 19° A.P.I. gravity oil per day. Before the end of 1944, Hunt Oil Company, H. L. Hunt, and W. O. Woodward had completed nine producing wells in the Gilbertown field and two other potential producers were waiting on a work over. A total of 56,064 barrels of oil was produced from the Gilbertown field, Alabama's only oil field, during 1944. Accumulated production through July, 1945, was 163,756 barrels.

The Langsdale field of Clarke County, Mississippi, is a possible westward extension of the Gilbertown field of Alabama. Kirby Petroleum Company in early 1945 completed two producing wells in this field in the Eutaw formation along a fault zone similar to that along which production is obtained in Alabama. The W. S. Scruggs No. 1 of H. L. Hunt in Choctaw County, Alabama, four miles east and one mile south of the Kirby wells, produces from the Eutaw formation, and as the other Alabama wells produce from the Selma chalk, the Scruggs well is considered by some as the discovery well of a separate field called the Evansboro field. However, evidence favors usage of the Gilbertown field for the entire extent of fault-line production in Alabama.

The Gilbertown reservoir is located along an east-west trending fault zone on the north flank of the Hatchetigbee anticline. Production is from a fractured zone at an average depth of 2500-

2600 feet in the Selma chalk and about 3500 feet in the Eutaw formation. Difficulty has been encountered in selecting drill sites in the field so that the faults with associated fracture zones would be reached in the chalk section. Side-wall cores indicate thin veinlets of oil along fracture planes in gray to white unsaturated chalk.

All wells completed in the Gilbertown field to date have to be pumped. The Hunt Company has completed a central power plant in the field which furnishes electricity for pumping all the wells except the A. R. Jackson No. 1 on which a gasoline pumping unit has been installed. Most of the wells produce various percentages of salt water with the oil, necessitating the installation of treating plants for separation of the oil. On September 12, 1945, there were three treating plants in the Gilbertown field and a fourth was being built in the western part of the field for the use of the Hunt Company and Kirby Petroleum Company. A pipe line completed in early 1945 carries crude from the western group of wells in the Gilbertown field to Mississippi. Production from the other wells is carried to storage tanks of the Placid Oil Company from which it is delivered by gravity flow to tank cars on the Alabama, Tennessee and Northern Railroad at Gilbertown.

In 1945 the Gilbertown field was extended southeastward by the discovery of oil in the upper Eutaw section in the Sam Alman No. 1, and in the Selma chalk in the Caroline Moseley et al No. 1. Both are wells of the Carter Oil Company. On September 12, 1945, the Gilbertown field had 24 producing wells, including the two wells of the Carter Oil Company.

Acknowledgments

The writer gratefully acknowledges the careful and painstaking work of Miss Zelma Martin, Senior Stenographer of the Survey, who copied the well logs and helped compile the information on the wells. He is also indebted to Miss Winnie McGlamery for information on some of the wells and for generous cooperation at all times. Mr. C. L. Morgan of the Dixie Geological Service, Jackson, Mississippi, kindly permitted the use of Schlumberger tops, picked by members of his staff, which have been used for summaries for many of the wells.

WELL LOGS
BALDWIN COUNTY

Danciger Oil & Refineries, Inc.—Ft. Morgan No. 1

(No. 1 on Map)

Located: Extreme western end Ft. Morgan Peninsula, Baldwin County

Elevation: 11.4'

Casing record: 19" @ 32'

Began: January 30, 1935

12" @ 200'

Completed: March 18, 1935

0-	32	Surface
	80	Soft sand
	90	Soft sand
	110	Gumbo
	173	Soft sand
	182	Gravel and sand
	191	Shells and sand
	200	Gumbo
	280	Shale and shells
	300	Gravel
	327	Gravel, shale and shells
	450	Shale and shells
	457	Sand
	560	Blue shale
	608	Soft sand
	611	Gravel
	665	Sandy shale and shells
	710	Sandy shale
	711	Rock
	727	Shale and boulders
	800	Soft sand
	838	Sandy shale and shells
	852	Soft sand and shells
	910	Sandy shale and shells
	915	Shale
	960	Sandy shale and shells
	961	Hard sand
	985	Sandy shale and shells
	1101	Sandy and streaks of shale
	1103	Hard lime shell
	1194	Sandy shale
	1230	Sticky shale
	1293	Sandy shale and shells
	1307	Sandy shale streaks sticky shale
	1335	Gummy shale and sand streaks
	1389	Sticky shale
	1390	Lime shell

Danciger Oil & Refineries, Inc.—Ft. Morgan No. 1

(Continued)

- 1398 Sticky shale and shells
- 1413 Soft streaks of sand
- 1414 Hard lime shell
- 1442 Sticky shale
- 1444 Sand
- 1447 Sticky shale
- 1458 Sticky shale and sand streaks
- 1470 Gumbo
- 1511 Sticky shale
- 1525 Brittle shale with shells
- 1530 Gummy shale
- 1535 Shale
- 1551 Shale with streaks of sand
- 1557 Shale
- 1570 Shale and fine sand
- 1586 Brittle shale
- 1592 Sticky shale
- 1594 Shale and shells
- 1625 Dark green shale with sand streaks
- 1627 Shale and streaks of sandy shale
- 1638 Sandy shale and shells
- 1708 Sandy shale
- 1726 Sandy shale with gummy streaks
- 1744 Sandy brittle shale, shells and streaks hard brown lime
- 1762 Brittle shale and shells
- 1780 Sandy shale
- 1855 Sandy shale with streaks hard brown lime
- 1895 Sandy shale
- 1935 Shale
- 1975 Brittle shale
- 1985 Brittle shale
- 1987 Sand and shells
- 1993 Sandy shale w/shells and lignite
- 2005 Sandy shale
- 2015 Sandy shale with streaks of lime
- 2035 Sticky shale
- 2055 Sandy shale w/streaks gummy shale
- 2095 Shale
- 2135 Brittle shale
- 2172 Shale
- 2212 Brittle shale
- 2307 Shale
- 2315 Sand
- 2331 Soft, salt and pepper sand
- 2333 Sand
- 2334 Rock
- 2352 Sand

Danciger Oil & Refineries, Inc.—Ft. Morgan No. 1

(Continued)

2385	Salt water sand
2400	Soft, salt water sand and streaks of shale
2442	Sandy shale
2457	Shale
2505	Sandy shale
2515	Sandy shale
2544	Broken sand and shale
2564	Broken sand and shale

TOTAL DEPTH 2564'

BULLOCK COUNTY

T. R. Pope — T. R. Pope No. 1

State Oil and Gas Board No. 35 (No. 2 on Map)

Located: NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 31, T. 13 N., R. 24 E., Bullock County

Elevation:

Began: September 1, 1943

Casing record:

Completed: January 25, 1944

- G. 12 Surface sand
- 20 Surface clay
- 45 Clay, sand and shale
- 70 Shale and streaked sand
- 72 Rock
- 108 Gummy shale
- 180 Sandy shale
- 184 Rock
- 580 Gummy shale—bubbles
- 606 Sandy shale and gas
- 668 Gummy shale and streaked hard sand
- 780 Gummy shale
- 796 Hard shale
- 815 Shale and lime—bubbles
- 819 Lime
- 827 Water and sand
- 850 Hard sand and hard shale
- 987 Shale and bubbles
- 1021 Lime and hard sand
- 1120 Sand and shale
- 1144 Shale
- 1234 Crystal white sand and streaked green shale
- 1355 Shale and sand - gas
- 1480 Shale and streaked lime
- 1500 Shale lime and sand
- 1665 Sand and streaked lime
- 1680 Hard lime and streaked hard shale
- 1724 Hard lime, streaks of hard sandy shale
- 1768 Sandy lime, gummy shale
- 1769 Hard rock
- 1789 Water sand
- 1800 Streaks of gummy shale, lime boulders
- 1850 Hard sand
- 1865 Hard green shale
- 1901 Hard sand, streaks of shale
- 1940 Hard green shale, streaks of lime

Capital Oil and Gas Co., Inc. — Fred Pickett No. 1
(Continued)

- Side wall cores 1180' greenish-gray sub-angular coarse-grained argillaceous sand.
- 1399' Light greenish-gray medium-grained micaceous sand.
- 1555' Gray medium-grained micaceous sand.
- 1605' Gray fine-to medium-grained micaceous sand.
- 1667' Light green coarse-grained argillaceous sand with gravel and mica.
- 1720' Red argillaceous micaceous sand, part coarse-grained.
- 1918' Pinkish-brown argillaceous coarse-grained sand with mica, gravel, and weathered feldspar.
- 1980' Pink coarse-grained argillaceous micaceous sand.
- 2160' Red coarse-grained argillaceous micaceous sand with weathered feldspar crystals.
- 2212' Light pink coarse-grained argillaceous sand with weathered feldspar crystals.

T. R. Pope — T. R. Pope No. 1

(Continued)

- 1955 Hard brown shale
- 1984 Shale, shell streaks of lime
- 2034 Hard sand, streaks of lime

TOTAL DEPTH 2034'

Remarks.—Began in Cusseta sand below the top of the *Exogyra ponderosa* zone.

T. M. McClendon — J. L. Harris No. 1 (Bullock No. 1)

State Oil and Gas Board No. 24 (No. 3 on Map)

Located: SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 18, T. 12 N., R. 22 E., Bullock County, Alabama

Elevation: 508'

Began: September 5, 1943

Casing record: 8" @ 800'

Completed: Drilling August, 1945

- 0- 25 Yellowish coarse angular quartz sand—Unfossiliferous
- 65 Same
- 85 Gray medium to coarse sand, quartz and gravel
- 95 Gray porous, medium to coarse grained silty, calcareous sand and shale. Fossiliferous.
- 115 Gray micaceous, calcareous, sandy silt. Fossiliferous
- 135 Same
- 175 Gray very coarse sand and fine gravel, micaceous, calcareous fossiliferous. Probably bottom of RIPLEY.
- 240 Gray, micaceous, carbonaceous, slightly glauconitic and calcareous, sandy shale—probably top of Selma Chalk.
- 260 Same
- 275 Gray, coarse, micaceous, glauconitic, fossiliferous quartz sand. (Many fossils.)
- 285 About the same as above.
- 305 Dark gray, micaceous, calcareous sand shale. (Small amount of gas & oil shows in cuttings enough to make rainbows over slush pit).
- 315 Gray, fine to coarse sand and chalk. Fossiliferous.
- 330 Very porous, sand, shale and silt (Oil and gas shows)
- 350 Same (More oil showing in cuttings)
- 360 Same
- 370 Same but finer, more shaley.
- 390 Dark gray, very porous, micaceous, not so much lime.
- 410 Porous gray and white, fine grained sandy micaceous shale (Oil shows)
- 420 Same

T. M. McClendon — J. L. Harris No. 1 (Bullock No. 1)

(Continued)

PART LOG

SUMMARY

Ripley 0-175

Cusseta and Selma 175-1020

Eutaw 1020-

Remarks:—The well was drilled by cable tool rig to a depth of 1,267 feet. Eight-inch casing was set to a depth of 800 feet and six-inch casing was set to a depth of 1200 feet. Caving prevented the setting of casing below a depth of 1200 feet. In March, 1945, the six-inch casing was pulled preparatory to drilling ahead with rotary tools. The casing was reported to have 37 feet of oil stain coming from an estimated depth of 1100 feet. The eight-inch casing was left in the well.

Schlumberger was made June 12, 1945. Driller's depth on that date was 1763 feet.

Capital Oil and Gas Company — Ethel B. Gholston No. 1

State Oil and Gas Board Number 86 (No. 4 on Map)

Location: SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 18, T. 14 N., R. 22 E., Bullock County, Alabama

Elevation: 270'

Began: May 6, 1945

Casing Record: 9 5/8" @ 208'

Completed: May 19, 1945

- 0- 135 Gumbo and hard tight sand
218 Hard tight sand
270 Sticky clay and shells
470 Sandy shale
599 Sand and marl (ran totco at 436 ft.— $\frac{1}{4}^{\circ}$ off)
770 Water sand, shale & streaks of gravel
CORED from 599 to 619. 2 ft. recovery—All water sand
934 Sand
1025 Sandy shale with streaks of lime
1045 CORED—5 ft. recovery of shale, lime and sand
1095 Hard black shale with streaks of lime
1138 Shale and lime
1158 CORED—18 ft. recovery of broken shale, lime and sand
1175 Hard shale and sand
1195 CORED—20 ft. recovery of sand, shale and lime
1294 Sand, shale and lime

Capital Oil and Gas Company — Ethel B. Gholston No. 1

(Continued)

- 1484 Sand and shale
- 1534 Black shale
- 1610 Black shale with streaks of sand
- 1680 Hard sand and shale
- 1700 Hard sand rock
- 1703 CORED—80% recovery of granite
- 1707 Granite

TOTAL DEPTH 1707'

SUMMARY

Selma 0-340
 Eutaw 340-520
 U. Tuscaloosa 520-1010
 Top marine Tuscaloosa 1010
 M. & L. Tuscaloosa 1010-1712
 Granite gneiss 1712-1714.5 T.D.

Core Descriptions

- Core No. 1 520-25'. Rec. 4". Light-gray coarse-grained soft micaceous non-calcareous sandstone with gravel. Streaks of gray shale.
- Core No. 2 1025-45'. Rec. 8". Dark-gray micaceous carbonaceous shale with fossils. Fine sand lenses. Arenaceous Foraminifera.
- Core No. 3 1138-58'. Rec. 18'. Green, reddish-brown, and purple micaceous non-calcareous clay.
- Core No. 4 1175-95'. Rec. 20'. Top: Soft green sandy non-calcareous clay with gravel and large mica flakes. Middle: Green, dark red, brown, and purple mottled clay with mica and occasional sand grains. Bottom: Light-gray and greenish-gray soft non-calcareous sandy clay with mica and gravel.
- Core No. 5 1712-1714½'. Rec. 2½' Granite gneiss.

Remarks.—Schlumberger total depth was 1695 feet owing to caving in bottom of hole. Total depth reached by drill according to information available at the well at the time Core No. 5 was taken was 1714½ feet.

Capital Oil and Gas Co., Inc. — Fred Pickett No. 1

State Oil & Gas Board Number 92 (No. 5 on Map)

Location: SE¼ NW¼ Sec. 22, T. 13 N., R. 21 E., Bullock County, Alabama

Elevation: 430'

Drilling Began: May 31, 1945

Casing Record: 9 5/8" @ 210'6"

Drilling Completed: June 13, 1945

- 0-220 Blue marl with sand
- 375 Blue marl (ran Totco A 325 ft.—½° off)
- 428 Shale

Capital Oil and Gas Co., Inc. — Fred Pickett No. 1

(Continued)

730	Chalk	
765	Black shale	
768	Shell	
800	Broken chalk & shale	
801	Shell	
827	Shale	
829	Shell	
832	Shale	
834	Shell	
838	Sand	
874	Chalk & shale	CORED 838 to 857. 100% recovery. Ran Totco ¼° off
950	Shale	
964	Hard shale	
995	Hard shale	
1005	Sandy lime	
1040	Broken red and brown shale	
1055	Hard rock	
1068	Water Sand	
1125	Shale	
1230	Water sand	
1250	Ash, various colors—sandy	
1290	Shale (ran Totco—1½° off @ 1290 ft.)	
1306	Red and white gumbo	
1309	Hard shale	
1311	Coarse sand	
1329	Coarse sand (CORED—5 ft. recovery)	
1338	Red bed	
1366	Sand	
1455	Sand and shale	
1470	Shale	
1489	Shale and sand	
1507		CORED
1584	Sand and shale	
1654	Shale	
1669	Ash	
1718	Shale	
1725	Sandy shale	
1775	Broken sand and shale	
1860	Water sand	
1940	Shale and sand	
1961	Sand, shale broken	
1967	Sticky shale	
1969	Sand	
1986	Sand and gravel	CORED—6 ft. recovery
1990	Sand and gravel	
2164	Sand	

Capital Oil and Gas Co., Inc. — Fred Pickett No. 1

(Continued)

- 2174 Hard shale
- 2265 Sticky shale—hard
- 2318 Sticky shale
- 2373 Hard sand
- 2420 Sticky sand and shale
- 2435 Sand and shale CORED—100% recovery
- 2473 Hard broken shale, sand & lime
- 2485 Hard possible granite
- 2500 Granite possible
- 2516 Possible granite
- 2523 Granite

TOTAL DEPTH 2523'

SUMMARY

Cusseta and Selma 0-760

Eutaw 760-960

U. Tuscaloosa 960-1430

Top marine Tuscaloosa 1430

M. & L. Tuscaloosa 1430-2502

Metamorphic rock, probably gneiss, 2502-2523 T.D.

CORE DESCRIPTIONS

- Core No. 1 838-57'. Rec. 19'. Gray sandy micaceous marl. Time: 3-3-1-2-2-2-2-2-2-1- $\frac{3}{4}$ - $\frac{1}{2}$ - $\frac{1}{2}$ - $\frac{1}{2}$ -1- $\frac{1}{4}$ - $\frac{1}{4}$ - $\frac{1}{4}$
- Core No. 2 1311-30'. Rec. 5'. Light-gray coarse-grained poorly sorted sand with mica and clay and mottled sandy clay. Time: 1-1 $\frac{1}{2}$ - $\frac{1}{2}$ -2 $\frac{1}{2}$ -5 $\frac{1}{2}$ -4-5 $\frac{1}{4}$ -5 $\frac{3}{4}$ -7 $\frac{3}{4}$ -7 $\frac{3}{4}$ -9 $\frac{1}{2}$ -8 $\frac{1}{2}$ -5 $\frac{1}{2}$ -5 $\frac{1}{4}$ -7 $\frac{1}{4}$ -4-4 $\frac{1}{4}$ -3 $\frac{1}{2}$ -2 $\frac{3}{4}$
- Core No. 3 1489-1507'. Rec. 18'? Dark-gray fossiliferous shale with carbonaceous material and micaceous sand lenses. Time: 5-15-9-3-15-7-3-3-8-6-8-7-12-13-10-13-12-10
- Core No. 4 1968-86'. Rec. 6' Purple micaceous argillaceous non-calcareous sand with large weathered feldspar crystals and some quartz pebbles. Time: 2-1 $\frac{1}{2}$ - $\frac{3}{4}$ -15 $\frac{1}{4}$ -18 $\frac{3}{4}$ -7-2 $\frac{3}{4}$ -1- $\frac{1}{2}$ - $\frac{1}{2}$ -1-1-1-1- $\frac{1}{2}$ - $\frac{1}{2}$ - $\frac{1}{2}$
- Core No. 5 2420-35'. Rec. 15'. Top part of core green coarse-grained argillaceous micaceous sand with large feldspar crystals and quartz pebbles. Middle same as above and part yellow and reddish brown mottled sandy micaceous waxy clay. Lower part of core green argillaceous coarse sand with quartz pebbles and feldspar crystals, mottled waxy clay, micaceous sandy clay, reddish coarse-grained argillaceous sand.
- Time: 3-2-2-3-4-4-18-28-33-23-15-16-15-7-42
 Drilling time in crystalline basement 2501-22'
 35-35-30-35-30-20-23-28-15-18-20-27-22-23-21-27-30-60-65-55-40
 (8 inches).

Capital Oil and Gas Co., Inc. — Fred Pickett No. 1
(Continued)

- Side wall cores 1180' greenish-gray sub-angular coarse-grained argillaceous sand.
- 1399' Light greenish-gray medium-grained micaceous sand.
- 1555' Gray medium-grained micaceous sand.
- 1605' Gray fine-to medium-grained micaceous sand.
- 1667' Light green coarse-grained argillaceous sand with gravel and mica.
- 1720' Red argillaceous micaceous sand, part coarse-grained.
- 1918' Pinkish-brown argillaceous coarse-grained sand with mica, gravel, and weathered feldspar.
- 1980' Pink coarse-grained argillaceous micaceous sand.
- 2160' Red coarse-grained argillaceous micaceous sand with weathered feldspar crystals.
- 2212' Light pink coarse-grained argillaceous sand with weathered feldspar crystals.

CHOCTAW COUNTY

H. L. Hunt — Robert Land No. 1

State Oil & Gas Board No. 29 (No. 6 on Map)

Location: NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 36, T. 11 N., R. 5 W., Choctaw County, Alabama.

Elevation: 266'

Began: November 20, 1943

Casing Record: 10 $\frac{3}{4}$ " @ 221'

Completed: December 23, 1943

0-	40	Sand and clay
	252	Sand, shale and sticky lime
	930	Shale
	1268	Shale
	1668	Shale and shells
	1873	Shale and shells
	2071	Shale and shells
	2370	Shale and shells
	2512	Shale and shells
	2615	Sticky shale
	2746	Shale and chalk
	2862	Chalk
	2975	Shale and chalk
	3072	Shale and chalk
	3152	Chalk and shale
	3255	Shale and chalk
	3370	Shale
	3435	Shale
	3525	Shale and chalk
	3637	Chalk and shale
	3713	Shale and chalk and sand
	3739	
	3780	
	3819	Shale and chalk
	3840	Sand
	3885	
	3905	Sand and chalk
	4000	Sand and shale
	4110	Sand and shale
	4204	Shale
	4233	Shale and lime
	4287	Shale
	4390	Shale
	4427	Shale
	4448	Shale
	4561	Shale and streaks of sand
	4569	Hard shale
	4621	Shale and sand
	4639	Shale and sand

H. L. Hunt — Robert Land No. 1

(Continued)

4708 Shale and sand
4738 Sand and shale
4803 Shale
4854 Shale
5143 Sand and shale
5195 Sand and shale
5687 Shale, white lime and shells
5942 Shale

TOTAL DEPTH 5942'

SUMMARY

Top Winona 432
Top Wilcox 690
Cut $\pm$ 285' fault at $\pm$ 1990
Top Sandy Midway 2050
Top Midway shale 2182
Top Clayton 2600
Top Selma 2614
Cut 30' fault 3365
Top Eutaw 3708
Top Tuscaloosa 4180
Top Basal Upper Tuscaloosa 4690
Top Marine Tuscaloosa 5004
Top "Davis" sand 5120
Top Massive sand 5252
Lower Cretaceous 5500-5942 T.D.

Hunt Oil Company — A. R. Jackson No. 1

State Oil & Gas Board No. 34 (No. 7 on Map)

Location: SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 2, T. 10 N., R. 4 W., Choctaw County, Alabama

Elevation: 239'

Began: January 10, 1944

Casing Record: 10 $\frac{3}{4}$ @ 247'
5 @ 2558

Completed: February 17, 1944

0- 45 Surface sand and clay
255 Sand, shale and rock
274 Shale
355 Shale and shells
1073 Shale and sand
1819 Sand, shale and shells
2324 Sand, shale and shells
2545 Shale

Hunt Oil Company — A. R. Jackson No. 1

(Continued)

2730	Chalk and shale
2860	Shale and chalk
2930	Shale and chalk
3051	Chalk
3251	Chalk and shale
3403	Chalk and shale
3530	Chalk and shale
3656	Sand and shale
3707	Sand and shale
3727	Sand and shale
3747	Sandy shale
3767	Cored
3787	Cored
3827	Sand and shale
3867	Sand and shale
3887	Cored
4155	Sand, shale and shells
4259	Sand and shale
4300	Shale
4402	Red shale
4469	Red shale
4600	Shale and sand
4660	Shale
4738	Sand and shale
4841	Sand and shale
4870	Sand and shale
4919	Sand and lime
4959	Shale
4987	Shale
5048	Shale
5057	Shale and sand
5204	Sand and shale
5231	Cored
5410	Sand and shale
5504	Shale and sand
5534	Sand and shale

TOTAL DEPTH 5534'

SUMMARY

Estimated top Winona 250
Top Wilcox 528
Top Sandy Midway 2020
Top Midway shale 2152
Top Chalk (Clayton) 2545
Top Selma 2576
Cut 130' fault at 2576-90

Hunt Oil Company — A. R. Jackson No. 1

(Continued)

Top Eutaw 3534
 Top Tuscaloosa 3998
 Top B. Upper Tuscaloosa 4491
 Top Marine Tuscaloosa 4800
 Top "Davis" sand 4931
 Top Massive sand 5057

Remarks.—Alabama's discovery well. Put to producing February 17, 1944. Production the first 24 hours was 33 barrels of fluid of which 98 per cent was oil and 2 per cent was sediment. Oil Zone 2575-2585 feet. Gravity of oil, °A.P.I.=19. Producing from a fractured zone in the Selma chalk. Schlumberger total depth 5380 feet.

E. C. Johnston — Rudder-Land No. 1

State Oil and Gas Board No. 38 (No. 8 on Map)

Located: Cen. of NE¼ SE¼ sec. 3, T. 11 N., R. 4 W., Choctaw County, Alabama

Elevation: 272'

Began: February 23, 1944

Casing record: 9⅝" @ 215'

Completed: March 27, 1944

0- 20 Surface clay
 50 Sand and gravel
 175 Sand and lignite
 215 Shale and hard sand streaks
 250 Shale and rock
 550 Shale and sand streaks
 669 Sandy shale
 1115 Shale and sand
 1159 Sandy shale
 1182 Sandy shale
 1188 Lime and shells
 1206 Shale and shells
 1635 Shale and sand
 1864 Sandy shale and boulders
 1960 Shale
 1980 Black shale (cored)
 2035 Shale
 2055 Black shale (cored)
 2070 Black shale and boulders
 2281 Shale
 2300 Gummy shale and lime
 2320 Cored—100% recovery
 2340 Sandy lime and chalk (cored)
 2340 Reaming
 2342 Chalk
 2350 Chalk

E. C. Johnston — Rudder-Land No. 1

(Continued)

2356	Cored
2368	Chalk (cored)
2368	Reaming
2397	Chalk
2495	Shale and boulders
2516	Shale and lime
2575	Shale and lime
2676	Shale and lime
2779	Shale and lime
2800	Shale and lime
2808	Hard lime and pyrites
2970	Shale and lime
3100	Shale and lime
3125	Shale and lime
3128	Lime
3142	Cutting core
3146	Coring
3151	Lime
3206	Lime
3285	Sandy lime and shale
3304	Core No. 7 (Eutaw sand)
3323	Core No. 8 (Eutaw)
3310	Reamed core hole
3341	Cored
3341	Cored
3360	Core No. 10—100% recovery, green sand shale
3370	Core No. 11
3379	Core No. 11—15 ft. recovery
3398	Core No. 12—16 ft.
3416	Core No. 13—sand and shale streaks
3434	Core 14 cut
3453	Core No. 14 cut—15 ft. recovery
3701	Sand and shale
3718	Cored—shale and lime
3736	Core
3756	Core
3766	Sand, shale and gravel

TOTAL DEPTH 3766'

SUMMARY

Top Wilcox 275
Top Midway 1727
Top Clayton 2200
Top Selma 2215
Top Eucutta sand 3216
Top Tuscaloosa 3764

Remarks.—Schlumberger total depth 3731 feet.

Hunt Oil Company A. R. Jackson No. 2

State Oil & Gas Board No. 39 (No. 9 on Map)

Location: SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 2, T. 10 N., R. 4 W., Choctaw County, Alabama

Elevation: 233'

Began: February 22, 1944

Casing Record: 10 $\frac{3}{4}$ " @ 133'
5 $\frac{1}{2}$ " @ 2845'

Completed: March 8, 1944

0- 140 Surface clay and sand
1421 Sand and shale
2130 Sand, shale and shells
2528 Shale and shells
2533
3565 Coring
2585
2605
2648 Chalk
2888 Shale and chalk
3021 Chalk
3239 Chalk
3465 Chalk
3510 Chalk
3623 Sand and shale
3755

TOTAL DEPTH 3755'

SUMMARY

Top Winona 241
Top Wilcox 523
Top Sandy Midway 2205
Top Midway shale 2142
Top Clayton 2528
Top Selma 2553
Cut fault zone at 2915-3020 with 130' out
Eutaw 3503-3755 T.D.

Remarks.—Alabama's second commercial well, located a quarter of a mile east of the discovery well (A. R. Jackson No. 1). Put to producing March 8, 1944. Production the first 24 hours was 50 barrels of fluid of which 75 per cent was oil, 20 per cent emulsion, and 5 per cent sediment. Gravity of oil, °A.P.I.=19. Producing from a fractured zone in the Selma chalk at 2845-65 feet. Schlumberger total depth 3755 feet.

H. L. Hunt — J. T. Doggett No. 1

State Oil & Gas Board No. 40 (No. 10 on Map)

Location: NW¼ NE¼ Sec. 2, T. 10 N., R. 4 W., Choctaw County, Alabama

Elevation: 210'

Began: March 10, 1944

Casing Record: 10¾" @ 106'
5½" @ 3630'
2" @ 3600'

Completed: April 15, 1944

0- 120 Sand
1321 Sand, shale and shells
2093 Shale, sand and boulders
2499 Shale
2542 Shale
2548
2595
2631
2655 Broken chalk and shale
2686
2732
2758
2782
2812
2862 Chalk and shale
2893
2913
2945
2978
3083 Chalk
3182 Chalk
3296 Chalk and shale
3356 Chalk and shale
3448 Chalk and shale
3515 Chalk
3544 Chalk
3560 Chalk
3570 Sand
3580 Sand
3614
3629
3699
3781 Sand
3882 Sand and shale
4050
4097 Sand and shale
4155 Sand and shale
4259
4334
4403 Shale and sand

H. L. Hunt — J. T. Doggett No. 1

(Continued)

4451 Shale and sand
4465 Shale
4495 Shale
4560 Sand and shale
4658 Sand and shale
4703 Shale
4755 Shale and sand
4801 Sand and gray shale
4845 Shale
4891 Sand and shale
4905 Shale
5012 Sand and shale
5031 Hard shale
5063 Shale

TOTAL DEPTH 5063'

SUMMARY

Top Winona 256
Top Wilcox 546
Cut $\pm$ 50 fault at $\pm$ 575
Top Sandy Midway 2002
Top Midway shale 2143
Top Clayton 2525
Top Selma 2554
Cut fault zone at 3520-44 with $\pm$ 200' out
Top Eutaw 3544
Top Tuscaloosa 3947
Top B. Upper Tuscaloosa 4437
Top Marine Tuscaloosa 4757
Top "Davis" sand 4888
Massive sand 5048-5069 T.D.

Remarks.—Producing from Eutaw formation at 3562-68 and 3596-3618 feet. Initial production on April 7, 1944, was 60 barrels of fluid of which 10 per cent was oil and 90 per cent was water. Gravity of oil, °A.P.I.=19. Schlumberger total depth 5071 feet.

H. L. Hunt — J. T. Doggett No. 2

State Oil & Gas Board No. 41 (No. 11 on Map)

Location: Cen. SE¼ NW¼ Sec. 2, T. 10 N., R. 4 W., Choctaw County, Ala.

Elevation: 223.4' D.F.

Began: March 11, 1944

Casing Record: 10¾" @ 100'

Completed: April 9, 1944

H. L. Hunt — J. T. Doggett No. 2

(Continued)

0-	128	Surface sand and shale
	301	Sand and shells
	455	Sand and shale
	681	Sticky shale and sand
	895	Sand
	920	Sand and shale
	1500	Sandy shale and sand
	1778	Shale and sand
	2128	Shale
	2260	Shale
	2442	Black shale
	2525	Black shale and chalk
	2576	
	2646	Chalk
	2702	Chalk
	2775	Chalk
	2827	Chalk
	2899	Chalk
	2988	Chalk
	3042	Shale with chalk
	3078	Shaley chalk
	3139	Chalk
	3192	Chalk and shale
	3251	Shale and chalk
	3318	Chalk and shale
	3365	Shale
	3421	Chalky shale
	3473	Shale and chalk
	3516	Shale
	3539	Sand and shale
	3551	Oil sand
	3568	Sand and shale
	3689	Sand and sandy shale
	3821	Rock, shale and sand
	3888	Sandy and shale
	3918	Shale and fossils

TOTAL DEPTH 3918'

SUMMARY

Top Winona 241
Top Wilcox 500
Cut $\pm$ 80' fault at $\pm$ 1700
Top Sandy Midway 1939
Top Midway shale 2074

H. L. Hunt — J. T. Doggett No. 2

(Continued)

Top Clayton 2426

Top Selma 2451

Eutaw 3537-3918 T D.

Remarks.—Schlumberger total depth 3919 feet.

H. L. Hunt — J. T. Doggett No. 3

State Oil & Gas Board No. 45 (No. 12 on Map)

Location: Center of NE¼ NW¼ Sec. 2, T. 10 N., R. 4 W., Choctaw County,

Alabama

Elevation: 234'

Began: April 13, 1944

Casing Record: 10¾ @ 99'

Completed: April 26, 1944

5½ @ 2619'

2¾ @ 2615'

0- 106 Surface sand and gravel
503 Sand and shale
2768 Sand and shale
2789 Chalk
2955 Shale and chalk
3192 Sand and shale
3341 Broken chalk and shale
3490 Broken chalk and shale
3536 Chalk and shale
3559 Shale
3632 Shale and sand
3696 Sand and shale

TOTAL DEPTH 3696'

SUMMARY

Top Winona 260

Top Wilcox 534

Top Sandy Midway 2000

Top Midway shale 2151

Top Clayton 2529

Top Selma 2550

Cut fault zone at 2627-57 with ± 130' out

Eutaw 3543-3696 T. D.

Remarks.—Put to producing April 27, 1944. The production the first 24 hours was 90 barrels of fluid of which 96 per cent was oil and 2 percent was emulsion. Gravity of oil, °A.P.I.=19. Producing from Selma chalk at 2620-30 feet. Schlumberger total depth 3690 feet.

H. L. Hunt — A. L. Jackson No. 1

State Oil & Gas Board No. 46 (No. 13 on Map)

Location: Cen. of SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 1, T. 10 N., R. 4 W, Choctaw County, Alabama

Elevation: 230'

Began: April 12, 1944

Casing Record: 10 $\frac{3}{4}$ " @ 110'
5 $\frac{1}{2}$ " @ 2645'

Completed: May 10, 1944

0- 40 Surface sand and clay
92 Surface hole
375 Sand, shale and streaks of gravel
895 Sand and shale
1455 Sand, shale and shells
1930 Sand, shale and shells
2292 Sand, shale and shells
2521 Shale and shells
2592 Chalk
2664 Chalk
2720 Chalk
2823 Chalk
2930 Chalk
3090 Chalk
3193 Chalk
3465 Chalk and shale
3482 Chalk
3484 Sand
3494 Sand
3530
3552 Shale
3602
3679
3720 Sand
3817 Sand

TOTAL DEPTH 3817'

SUMMARY

Top Winona 230
Top Wilcox 517
Top Sandy Midway 2017
Top Midway shale 2130
Top Clayton 2519
Top Selma 2542
Cut fault zone at 2650-90 with 170' out
Eutaw 3477-3817 T.D.

Remarks.—Schlumberger total depth 3803 feet.

H. L. Hunt — W. J. Trice No. 1

State Oil & Gas Board No. 47 (No. 14 on Map)

Location: SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 35, T. 11 N., R. 4 W., Choctaw County, Alabama

Elevation: 246'

Began: April 28, 1944

Casing Record: 10 $\frac{3}{4}$ " @ 130'

Completed: May 8, 1944

5 $\frac{1}{2}$ " @ 2639

2 $\frac{3}{8}$ " @ 2605

0- 147 Surface clay and sand
914 Shale and sand
1529 Sand and shale
2076 Shale and sand
2398 "
2536 Shale and chalk
2635 Chalk
2720 Chalk
2855 "
3086 Chalk
3310 Chalk and shale
3455 "
3572 Broken chalk and shale
3582 Sand
3651 Sand and shale

TOTAL DEPTH 3651'

SUMMARY

Top Winona 267
Top Wilcox 560
Top Sandy Midway 2055
Top Midway shale 2188
Cut $\pm$ 50' fault in Midway
Top Clayton 2498
Top Selma 2517
Cut fault zone at 2570-90 with 50' out
Eutaw 3570-3651 T.D.

Remarks.—Put to producing May 12, 1944. The production the first 24 hours was 20 barrels of fluid of which 80 per cent was oil, 15 per cent was emulsion, and 5 per cent was sediment. Gravity of oil, °A.P.I.=19. Producing from Selma chalk at 2639-50 feet. Schlumberger total depth 3649 feet.

H. L. Hunt — W. J. Trice No. 2

State Oil & Gas Board No. 48 (No. 15 on Map)

Location: NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 34, T. 10 N., R. 4 W., Choctaw County, Alabama

Elevation: 236'

Began: May 31, 1944

Casing Record: 10 $\frac{3}{4}$ " @ 99'

Completed: June 17, 1944

0- 119 Sand and gravel
414 Sand and gravel
1252 Shale, sand and gravel
2053
2640 Sand and shale
2780 Shale and chalk
3108 Shale and chalk
3229 Shale and chalk
3412 Shale and chalk
3458 Shale and chalk
3633 Shale and chalk
3743 Chalk and shale
3865 Sand
4111
4263 Sand and shale
4362 Shale and sand
4430 Shale and sand
4482 Shale and sand
4551 Shale and sand
4603 Sand and shale
4638 Shale
4676 Shale and sand
4713
4741 Shale
4900 Shale and sand
4957 Sand and shale
5046 Shale
5073
5140 Sand
5329 Sand and shale
5340 Sand and shale

TOTAL DEPTH 5340'

SUMMARY

Top Winona 382
Top Wilcox 613
Cut $\pm$ 170' fault at 613
Top Sandy Midway 2056
Top Midway shale 2190
Top Clayton 2560
Top Selma 2576

H. L. Hunt — W. J. Trice No. 2

(Continued)

Top Eutaw 3732
 Cut $\pm$ 160' fault at 3732
 Top Tuscaloosa 4041
 Top B. Upper Tuscaloosa 4540
 Top Marine Tuscaloosa 4874
 Top "Davis" sand 5030
 Massive sand 5147-5340 T.D.

Remarks.—Schlumberger total depth 5339 feet.

H. L. Hunt — W. J. Trice No. 3

State Oil & Gas Board No. 49 (No. 16 on Map)

Location: SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 35, T. 10 N., R. 4 W., Choctaw County, Alabama

Elevation: 240'

Began: May 10, 1944

Casing Record: 10 $\frac{3}{4}$ " @ 100'

Completed: June 10, 1944

5 $\frac{1}{2}$ " @ 2556'

2" @ 2519'

0- 100 Sand and clay
 116
 361 Sand and shale
 1439 Sand, shale and boulders
 2234 Black shale and sand
 2522 Shale
 2686
 2701 Chalk
 2784 Chalk
 2876
 3002 Chalk
 3100 Chalk
 3178
 3348 Chalk and shale
 3466 Chalk
 3562
 3641 Shale and chalk
 3698 Chalk and sand
 3783 Sticky shale and sand
 3813
 3895 Sand and shale
 4140 Sand and shale
 4267 Sand and shale
 4345 Shale and sand
 4406
 4539 Sand and shale
 4675 Sand and shale
 4729
 4754 Sand and shale

H. L. Hunt — W. J. Trice No. 3

(Continued)

4825 Sand and shale
 4909 Sand and shale
 4933 Sand and shale
 4940
 4990 Shale
 5037
 5087 Shale
 5143 Shale
 5193 Shale and streaks of sand
 5256 Shale
 5317

TOTAL DEPTH 5317'

SUMMARY

Top Winona 271
 Top Wilcox 560
 Top Sandy Midway 2087
 Top Midway shale 2187
 Cut $\pm$ 65' fault at 2187
 Top Clayton 2546
 Top Selma 2558
 Top Eutaw 3681
 Top Tuscaloosa 4140
 Top B. Upper Tuscaloosa 4658
 Top Marine Tuscaloosa 4990
 Top "Davis" sand 5120
 Massive sand 5220?-5317 T.D.
 (Probable faulting in lower part of "Davis" sand)

Remarks.—Put to producing June 8, 1844. Production the first 24 hours was 40 barrels of fluid of which 90 per cent was oil, 9 per cent was water, and 1 per cent was sediment. Gravity of oil, °A.P.I.=19. Producing from Selma chalk at 2555-70 feet. Schlumberger total depth 5312 feet.

H. L. Hunt — Robert Land No. 2

State Oil & Gas Board No. 52 (No. 17 on Map)

Location: SW¼ NE¼ Sec. 36, T. 11 N., R. 5 W., Choctaw County, Alabama

Elevation: 259'

Began: June 14, 1944

Casing Record: 10¾" @ 219'
 5½" @ 3186'

Completed: August 8, 1944

0- 239 Sand, shale, and gravel
 1230 Sand and shale
 2239 Sand and shale

H. L. Hunt — Robert Land No. 2

(Continued)

2820 Shale
 2887 Chalk
 3688 Oil sand, and shale
 3692 Oil sand, and shale
 3702 Shale
 3712 Sand and shale
 3740 Oil sand
 3748 Shale
 3753 Shale
 3758 Shale with strks of sand
 3768 Oil sand
 3798 Shale and sand
 3853 Sandy shale
 3883 Sand
 4049 Sand and shale
 4210 Sand and shale
 4353 Sand and shale
 4406 Sand red shale
 4589 Sand and shale
 4666 Sand and shale
 4712 Sand and red shale
 4770 Sand and red shale
 4888 Sand and shale
 5024 Hard shale
 5087 Shale
 5099 Shale
 6014 Sandy shale

TOTAL DEPTH 6014'

SUMMARY

Top Winona 392
 Top Wilcox 673
 Top Sandy Midway 2266
 Top Midway shale 2398
 Top Clayton 2806
 Top Selma 2832
 Cut + 300' fault at 3450
 Top Eutaw 3685
 Top Tuscaloosa 4150
 Top B. Upper Tuscaloosa 4660
 Top Marine Tuscaloosa 4980
 Top "Davis" Sand 5105
 Top Massive Sand 5230

Remarks.—Put to producing July 1, 1944. Production the first 24 hours was 60 barrels of fluid of which 25 per cent was oil and 75 per cent was water. Gravity of oil, °A.P.I.=19. Producing from the Selma chalk at 3188-3220 feet. Schlumberger total depth 5424 feet.

H. L. Hunt — W. J. Trice No. 4

State Oil & Gas Board No. 54 (No. 18 on Map)

Location: SE¼ SW¼ Sec. 35, T. 11 N., R. 4, W., Choctaw County, Alabama

Elevation: 217'

Began: June 20, 1944

Casing Record: 10¾" @ 293'
5½" @ 2552'

Completed: July 15, 1944

0- 310 Surface sand and gravel
651 Sand and shale
1139 Sand and shale
1997 Sand and shale
2369 Shale
2600 Shale and chalk
2740 Chalk
2756 Chalk
2886 Chalk
3136 Shale and chalk
3395 Chalk
3551 Chalk
3585 Chalk
3619 Chalk
3646 Chalk
3864 Sand and shale
4015 Sand and shale
4098 Sand and shale
4133 Sand and shale
4142 Sand and shale

TOTAL DEPTH 4142'

SUMMARY

Estimated top Winona 265

Top Wilcox 543

Top Sandy Midway 2047

Top Midway shale 2172

Top Clayton 2529

Top Selma 2554

Cut fault at 3165 with 40' out.

Top Eutaw 3642

Cut fault at + 3695 with + 130' out

Tuscaloosa 3985-4142 T.D.

Remarks.—Put to producing July 17, 1944. Production the first 24 hours was 20 barrels of fluid of which 50 per cent was oil, 48 per cent water, and 2 per cent was sediment. Gravity of oil, °A.P.I.=19. Producing from Selma chalk at 2552-65 feet. Schlumberger total depth 4150 feet.

H. L. Hunt — W. S. Scruggs No. 1

State Oil & Gas Board No. 55 (No. 19 on Map)

Location: SE¼ NE¼ Sec. 32, T. 11 N., R. 4 W., Choctaw County, Alabama

Elevation: 149'

Began: July 20, 1944

Casing Record: 10¾" @ 127'
5½" @ 3478'

Completed: August 4, 1944

0- 145 Sand and clay
494 Sandy shale
2366 Sand, shale and boulders
2381 Black shale
2512 Shale
2545 Shale, sand and shells
3415 Chalk
3417 Sand
3528 Shale, sand and shale
3672 Coring
3774 Sand with strks shale
3798 Shale
3832 Shale and sand

TOTAL DEPTH 3832'

SUMMARY

Top Winona 250

Top Wilcox 572

Cut fault zone in Midway at ± 2080 with ± 300' out.

Top Clayton 2342

Top Selma 2383

Eutaw 3502-3832 T.D.

Remarks.—Put to producing August 5, 1944. Production the first 24 hours was 50 barrels of fluid of which 5 per cent was oil and 95 per cent was emulsion and wash water. Gravity of oil, °A.P.I.=19. Producing from the Eutaw formation at 3502-12 feet.

H. L. Hunt — J. M. Boney No. 1

State Oil & Gas Board No. 56 (No. 20 on Map)

Location: NW¼ NE¼ Sec. 36, T. 11 N., R. 5 W., Choctaw County, Alabama

Elevation: 279'

Began: August 12, 1944

Casing Record: 10¾" @ 161'

Completed: September 15, 1944

0- 184 Sand, clay and gravel
1143 Sand, shale, and boulders
1936 Rock, sand, and shale
2195 Sand, shale and boulders
2634 Black shale
2819 Shale
4041 Chalk

H. L. Hunt — J. M. Boney No. 1

(Continued)

4046 Green S.W. sand
4139 Gummy shale and S.W. sand
4160 Sticky shale
4241 Steen S.W. sand
4495 Sand and shale
4554 Shale
4606 Sand and strks sticky shale
5025 Sticky shale
5119 Sticky shale and sand
5124 Sandy shale
5188 Green S.W. Sand and shale strks.
5215 Shale
5236 Shale and sandy shale
5256 White S.W. sand
5267 Hard sand and shale
5316 Sand

TOTAL DEPTH 5316'

SUMMARY

Top Winona 415
Top Wilcox 705
Top Sandy Midway 2310
Top Midway shale 2444
Top Clayton 2832
Top Selma 2850
Top Eutaw 4052
Top Tuscaloosa 4461
Cut + 375' fault at $\pm$ 4461'
Top Upper Tuscaloosa 4650
Top Marine Tuscaloosa 4980
Top "Davis" sand 5112
Massive sand 5235-5316 T.D.

Remarks.—Schlumberger total depth 5319 feet.

H. L. Hunt — Robert Land No. 3

State Oil & Gas Board No. 62 (No. 21 on Map)

Location: SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 36, T. 11 N., R. 5 W., Choctaw County, Alabama

Elevation: 242'

Began: September 26, 1944

Casing Record: 10 $\frac{3}{4}$ " @ 126'

Completed: October 10, 1944

0- 150 Clay and sand
1019 Sand and shale
2188 Sand, shale and rock
2398 Sand and shale
2590 Shale

H. L. Hunt — Robert Land No. 3

(Continued)

3502 Chalk
 3633 Chalk and shale
 3890

TOTAL DEPTH 3890' ?

SUMMARY

Top Winona 380
 Top Wilcox 630
 Top Sandy Midway 2232
 Top Midway shale 2368
 Cut $\pm$ 175 fault at $\pm$ 2450
 Top Clayton 2580
 Top Selma 2600
 Top Eutaw 3674

Remarks.—Schlumberger total depth 3892 feet.

W. O. Woodward Trustee — Mary Green et al No. 1
 State Oil & Gas Board No. 66 (No. 22 on Map)

Location: SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 31, T. 11 N., R. 4 W., Choctaw County, Alabama

Elevation: 145'

Began: October 10, 1944

Casing Record: 10 $\frac{3}{4}$ " @ 128'
 5 $\frac{1}{2}$ " @ 2816'

Completed: November 16, 1944

0- 150

850 Sand and boulders
 1543 Shale, sand and boulders
 2685 Shale, sand and boulders
 3228 Chalk
 3495 Chalk and shale
 3544 Chalk and sand
 3577 Coring
 3587 Shale
 3601 Gray, green SW sand
 3611 Oil saturation in streaks
 3632 Shale
 3642 Shale and sandy shale
 3666 Gray sand
 3680 Green SW sand
 3710 Sand and shale

TOTAL DEPTH 3710'

SUMMARY

Top Winona 299
 Top Wilcox 550

W. O. Woodward Trustee — Mary Green et al No. 1

(Continued)

Top Midway 2257
 Top Clayton 2688
 Top Selma 2710
 Cut 300' fault zone 2825-50
 Eutaw 3547-3710 T.D.

Remarks.—Put to producing November 20, 1944. Production the first 24 hours was 50 barrels of fluid of which 85 per cent was oil and 15 per cent was wash water. Gravity of oil, °A.P.I.=19. Producing from the Selma chalk at 2816-26 feet. Schlumberger total depth 3710 feet.

H. L. Hunt — Maggie Utsey No. 1

State Oil & Gas Board No. 68 (No. 23 on Map)
 Location: SW¼ NW¼ Sec. 33, T. 11 N., R. 4 W., Choctaw County, Alabama

Elevation: 109'

Began: December 22, 1944

Casing Record: 10¾" @ 126'

Completed: January 6, 1945

5½" @ 3469'

0- 152

684

1659 Sand and shale

1932 Sand and boulders

1955 Shale

2266 Shale, shells and sand

2410 Shale and shells

2503 Shale

3473 Chalk

3483 Cored

TOTAL DEPTH 3483'

SUMMARY

Top Winona 244
 Top Wilcox 578
 Cut 70' fault @ 590
 Cut 55' fault @ ± 1915
 Cut 80' fault @ 1975
 Top Midway 2000
 Top Clayton 2376
 Top Selma 2407
 Cut 75' fault @ 3110
 Eutaw 3476-3483 T.D.

Remarks.—Put to producing February 3, 1945. Production the first 24 hours was 25 barrels of fluid of which 50 per cent was oil and 50 per cent was emulsion and wash water. The depth of the oil zone is 3475-83 feet. Schlumberger total depth 3483 feet.

Hunt Oil Company — M. W. Smith Lumber Co. No. 1

State Oil & Gas Board No. 69 (No. 24 on Map)

Location: NE¼ SW¼ Sec. 11, T. 10 N., R. 4 W., Choctaw County, Alabama

Elevation: 259'

Began: November 16, 1944

Casing Record: 10¾" @ 126'

Completed: November 25, 1944

0- 57 Sand and gravel
2117 Sand and shale
2457 Shale
2660 Chalk
3038 Chalk
3570 Shale and chalk
3571 Sand
3581 Sand
3626 Shale
3646 Sand and streaks shale
3666 Sand
3686 Sand and shale
3715 Sand and shale
3735 Salt water sand
4359 Sand and shale
4846
4991 Shale and lime
5031 Shale
5033 Sand
5140 Sand and shale
5202 Shale
5204 Sand
5224 Salt water
5298 Sand and streaks shale
5366 Sand
5396 Sand and streaks shale

TOTAL DEPTH 5396'

SUMMARY

Top Winona 283
Top Wilcox 572
Top Midway 2180
Top Selma 2564
Cut fault @ 2564

Remarks.—Schlumberger total depth 5399 feet.

W. O. Woodward — Mary Green et al No. 2

State Oil & Gas Board No. 70 (No. 25 on Map)

Location: SE¼ NW¼ Sec. 31, T. 11 N., R. 4 W., Choctaw County, Alabama

Elevation: 140'

Began: November 2, 1944

Casing Record: 10¾" @ 213'

Completed: November 28, 1944

W. O. Woodward — Mary Green et al No. 2
(Continued)

5½ @ 3485'

0- 857
1512
1727
1956 Sand and Shale
2097 Sand and shale
2546 Shale
2671 Sand, shale and chalk
3542 Chalk
3640 Sand and shale
3650 Sand and shale
3658 Sand and red shale
3688 Sand and shale
3698 Sandy shale

TOTAL DEPTH 3698'

SUMMARY

Top Winona 300
Top Wilcox 557
Top Midway 2249
Top Clayton 2652
Top Selma 2677
Cut ± 300' fault zone 3275-3300
Eutaw 3532-3698 T.D.

Remarks.—Plugged back to 3540 feet and drilled out to 3542 feet. Producing from Eutaw sand at 3532-42 feet. Schlumberger total depth 3698 feet.

H. L. Hunt — Maggie Utsey No. 2

State Oil and Gas Board No. 76 (No. 26 on Map)

Location: NE¼ NW¼ Sec. 33, T. 11 N., R. 4 W., Choctaw County, Alabama

Elevation: 124'

Began: January 8, 1945

Casing Record: 10¾" @ 342'

Completed: January 23, 1945

5½" @ 3465'

0- 409 Sand, shale, and boulders
1886 Sand and shale
2235 Midway shale
2507 Shale
2763 Chalk
3035 Chalk and shale
3228 Chalk
3398 Chalk and shale
3486 Chalk
3489 Sandy shale
3508 Coring shale and sand
3528 Coring sand
3536 Total Depth

TOTAL DEPTH 3536'

SUMMARY

H. L. Hunt — Maggie Utsey No. 2

(Continued)

Top Wilcox 673
Cut 160' fault @ 830
Cut 50' fault @ 900-1000
Top Midway 2112
Top Clayton 2503
Top Selma 2526
Cut 225' fault @ 3260
Eutaw 3483-3536 T.D.

Remarks.—Put to producing February 13, 1945. Production the first 24 hours was 40 barrels of fluid of which 50 per cent was oil and 50 per cent was emulsion and wash water. Producing from Selma chalk at 2586-93 feet. Schlumberger total depth 3534 feet.

Hunt Oil Company — J. C. Bolinger No. 1

State Oil & Gas Board No. 77 (No. 27 on Map)

Location: NW¼ NW¼ Sec. 33, T. 10 N., R. 3 W., Choctaw County, Alabama

Elevation: 232' DF

Began: December 9, 1944

Casing Record: 10¾" @ 170'

Completed: December 22, 1944

0- 200 Sand and shale
268 Sand and shale
994 Sand and shale
2309 Sand and shale
2523 Chalk
3075 Chalk and shale
3412 Chalk
3443 Chalk and shale
3464 Sand
3474 SW Sand
3875 Sand and shale
4075
4153
4178 Shale
4260 Red shale and strks sand
4438 Shale and lime
4459 Shale
4603 Shale and lime
4673 Shale and strks sand
4731 Shale
4795 Hard shale and lime
4860 Shale
4903 Shale and lime
4907 Sand
5087 Shale and sand
5155 Sand

TOTAL DEPTH 5155'

Remarks.—Schlumberger total depth 5133 feet.

CLARKE COUNTY

Union Producing Company — M. M. Waite No. 1

State Oil and Gas Board No. 10 (No. 44 on Map)

Located: Center NW $\frac{1}{4}$ sec. 27, T. 8 N., R. 1 W., Clarke County

Elevation: 38.20'

Began: May 31, 1941

Casing Record: 16" @ 344'
10 $\frac{3}{4}$ " @ 5257'

Completed: October 22, 1941

0-	70	Sand and shale
	255	Shale and boulders
	330	Stick shale
	338	Lignite streaks sand
	365	Shale and shells
		(Reamed (12 $\frac{1}{4}$ " to 22") 230 to 365
		Reamed to 22" hole 0 to 230
	385	Sticky shale and sand
	405	Sand
	609	Shale streaks of sand
	780	Shale and shells
	787	Lignite
	820	Lignite, sand and shale
	900	Shale streaks, sand and shells
	1107	Shale
	1199	Shale
	1335	Shale streaks of hard sand
	1435	Shale and shells
	1505	Shale and shells, sand
	1615	Shale and shells
	1661	Chalk
	1749	Chalk
	1813	Chalk
	1923	Chalk
	2001	Chalk
	2105	Chalk
	2191	Chalk
	2314	Chalk
	2402	Chalk and streaks shale
	2503	Chalk and streaks shale
	2603	Chalk and streaks shale
	2635	Chalk and streaks shale
	2641	Chalk and streaks shale
	2661	Core No. 1 no recovery
	2674	Core No. 2 recovered 13', chalk streaks, shale
	2679	recovered 5', sand
		Reamed 8 $\frac{3}{4}$ "-15" 2635-2679
	2760	Chalk streaks sand and shale
	2768	Dense lime and shells
	2830	Gray sand

Union Producing Company — M. M. Waite No. 1

(Continued)

- 2860 Sand, shale and shells
- 2864 Lime
- 2876 Core No. 3 shale and lime streaks hard sand, recovered 11½'
- 2884 Brownish sand
Reamed 8¾"-15" 2864-2884
- 2888 Sand (new hole)
- 2963 Shale streaks, sand
- 2983 Lime streaks of shale
- 3100 Shale streaks lime and hard sand
- 3119 Hard brown lime streaks sand
- 3135 Sandy shale
- 3217 Shale and lime, streaks sand
- 3250 Lime streaks of hard sandstone
- 3260 Red shale
- 3383 Red and gray shale, shells and sand
- 3394 Red shale streaks sand
- 3491 Hard lime and shale streaks of shells
- 3551 Shale streaks of hard sand
- 3616 Red and gray shale streaks sand and shells
- 3635 Red and gray shale
- 3648 Shale, streaks lime, thin streaks sand
- 3656 Sandy shale w/streaks sand
- 3676 Core No. 4, sand and shale, no odor, recovered 9'
Reamed 8¾"-15" 3656-3676
- 3690 Shale
- 3751 Red and gray shale, shells and streaks sand
- 3777 Red and gray shale streaks sand
- 3798 Shale
- 3855 Sand and shells streaks sand
- 3866 Red and gray shale
- 3893 Shale gray
- 3939 Shale and shells and streaks gray sand
- 4021 Red and gray shale
- 4030 Shale lime streaks
- 4034 Sand
- 4054 Core No. 5 green sand and shaly sand broken
Reamed 8¾"-15" 4034-4054
- 4164 Shale, sand and lime
- 4290 Sand, shells, streaks, shale
- 4345 White sand with streaks lignite
- 4365 Lignite
- 4375 Sand, gray and hard
- 4447 Shale (gray) sandy w/shallow streaks of lime
- 4490 Shale and sand
- 4502 Shale and pyrites
- 4520 Hard sand w/pyrites
- 4559 Sand
- 4615 Broken sand and shale

Union Producing Company — M. M. Waite No. 1

(Continued)

- 4627 Shale, red and brown
- 4697 Reddish brown shale and sand
- 4710 Sand streaks red shale
- 4722 Shale and hard lime
- 4738 Brown shale
- 4749 Brown shale w/pyrites
- 4753 Soft sand
- 4755 Coarse white sand Core No. 6
- 4770 Coarse red sand Core No. 6
Reamed 8 $\frac{3}{4}$ " - 15" 4753-4770
- 4794 Soft red sand
- 4806 Hard gray sand streaks pyrite
- 4851 Red and gray shale streaks sand
- 4870 Brown shale
- 4927 Broken sand and shale
- 5002 Red and gray shale and sand
- 5052 Red and gray shale streaks of sand
- 5062 Broken lime and shale
- 5123 Red and gray shale and sand
- 5167 Red and gray shale
- 5223 White and red sand
- 5225 Shale
- 5265 Broken sand and shale
- 5327 Shale and streaks sand thin
- 5398 Shale, sand
- 5461 Red and gray shale and sand
- 5475 Red and gray shale streaks sand
- 5501 Shale
- 5515 Red shale
- 5533 Sand
- 5569 Red shale
- 5600 Red and gray shale and sand
- 5620 Core No. 7 red sandy shale w/streaks green sand
Reamed 6 $\frac{1}{2}$ " - 9" 5600-5620
- 5634 Broken sand, shale
- 5646 Sand (no show)
- 5682 Red shale
- 5740 Sand
- 5782 Red shale and gray shale
- 5810 Red and gray shale
- 5816 Gray sand
- 5824 Red and gray shale
- 5886 Broken sand and shale
- 5926 Red and gray shale
- 5966 Sand and shale
- 5980 Shale
- 6000 Core No. 8, sandy shale, recovered 7'
6 $\frac{1}{4}$ " - 9" reamed at 5980-6000

Union Producing Company — M. M. Waite No. 1

(Continued)

6035	Shale
6081	Sand and red shale
6241	Sand and shale
6317	Sand and shale
6354	Red shale and sand
6442	Sand and shale
6487	Sand and shale
6547	Red shale and sand
6606	Shale streaks sand
6650	Sand and shale
6686	Red shale and sand
6768	Red shale and sand
6776	Sand, shale
6793	Core No. 9, sand Reamed 6½ - 9" 6776-6796
6809	Red shale and sand
6880	Red shale and sand
6918	Sand, shale
6969	Red shale and sand
6995	Red shale
7016	Shale, shells and streaks green sand
7028	Red shale
7042	Red shale
7047	Broken sand and shale
7070	Sandy shale
7078	Shale
7144	Red shale and sand and streaks gray shale
7229	Red and gray shale streaks sand
7288	Broken sand and shale
7294	Green sand and shells
7308	Broken sand, shells, shale
7396	Red shale and multicolored sands
7412	Sand
7425	Red shale
7476	Shale, shells, and sand
7563	Sand, shale streaks of lime
7592	Red shale, sand
7612	Core No. 10, sand Reamed 6½ - 9" 7592-7612
7627	Shale, lime shells
7632	Sand
7652	Core No. 11 sand, recovered 8'
7675	Sand and shale Reamed 6½ - 9" 7630-7652
7722	Broken sand and shale
7747	Red and gray shale
7795	Gray shale, thin streaks sand
7826	Gray shale and streaks of sand

Union Producing Company — M. M. Waite No. 1

(Continued)

- 7830 Gray sand
- 7845 Broken sand, shale
- 7876 Red and gray shale and sand
- 7927 Broken shale and sand
- 7952 Shale, red-blue
- 7956 Sand
- 7957 Sand
- 7977 Core No. 12 rec. 7'8" red sand and sandy shale, no odor, salty taste
Reamed 6½ - 9" 7957-7975
- 8115 Sand, streaks of shale
- 8188 Shale and sand
- 8197 Shale and sand
- 8273 Sand and shale
- 8281 Red and gray shale
- 8301 Shale and sand
- 8353 Shale and sand
- 8361 Red and gray shale
- 8385 Hard green sandy shale
- 8402 Sand, gravel
- 8407 Shale
- 8411 Sand
- 8521 Sand, shallow streaks of shale
- 8568 Sand and streaks red and gray shale
- 8627 Sand
- 8662 Sand
- 8673 Shale, lime shells
- 8675 Red and gray shale
- 8689 Sand and streaks shale
- 8693 Shale (red and gray)
- 8713 Core No. 13, rec. 14' sand, salty taste
Reamed 6½ - 9" 8693-8713
- 8727 Sand and streaks gray and red shale
- 8731 Gray and red shale
- 8747 Hard green and red sandy shale
- 8788 Sand and streaks shale
- 8795 Red and gray shale
- 8813 Hard green and red sandy shale
- 8823 Hard green sand streaks of shale
- 8826 White coarse sand
- 8831 Sand, streaks of shale
Reamed out of gauge hole from 8782 to 8796
- 8839 Hard green and red sandy shale
- 8843 Coarse white sand
- 8885 Sand, streaks of shale
- 8938 Sand and streaks gray and red shale
- 8941 Shale
- 8946 Sand
- 8964 Shale

Union Producing Company — M. M. Waite No. 1

(Continued)

- 9018 Sand and shale
- 9020 Sand and shale
- 9028 Hard shale
- 9035 Sand
- 9077 Sand (coarse grain)
- 9079 Shale
- 9099 Red shale and sand
- 9112 Red shale and sand
- 9116 Sand
- 9136 Core No. 14, rec. 17'3" red sand and gravel, no odor or show, salty taste
Reamed 9116-9131 6½ - 9"
- 9175 Broken sand and shale
- 9188 Red and gray shale
- 9192 Sand
Reamed 6½ - 9" 9131-9136
- 9196 Sand
- 9213 Sand, streaks of shale
- 9234 Shale and sand
- 9253 Broken sand and shale
- 9266 Hard red and gray shale
- 9268 Gray shale
- 9295 Sand (Firm)
- 9311 Shale and sand
- 9314 Sand
- 9338 Red and gray shale
- 9336 Shale
- 9364 Firm red coarse sand, gravel
- 9384 Core No. 15, rec. 6' red sand and gravel salty taste, no odor
Reamed 9364-9384 6½ - 9"
- 9399 Hard sand and shale
- 9405 Hard sand
- 9415 Shale, streaks of sand
- 9441 Sand and shale
- 9450 Hard sand and shale
- 9465 Broken sand and shale
- 9493 Shale and sand
- 9509 Shale and streaks of sand
- 9513 Fine white sand
- 9533 Core No. 16, rec. 5'6" sand, no odor, salty taste
- 9541 Hard shale and sand
Reamed 9513-9533 6½ - 9"
- 9572 Sand, shallow streaks of shale
- 9599 Sand
- 9628 Shale, streaks white sand
- 9650 Sand (very coarse)
- 9656 Hard sand and shale
- 9681 Broken sand, shale and shells

Union Producing Company — M. M. Waite No. 1

(Continued)

- 9686 Sand, streaks of shale
- 9698 Sand and shale
- 9708 Hard sand and shale
- 9717 White sand
- 9720 Hard sand and shale
- 9727 Shale, sand
- 9737 Shale and sand
- 9742 Sand
- 9820 Soft white and green sand
- 9828 Sand
- 9854 Shale and sand
- 9863 Hard shale and sand
- 9911 Sand (Very fine)
- 9947 Shale, gravel and sand
- 9956 Shale and sand
- 9977 Sand, shale
- 10,000 Sand and gravel
- 10,009 Shale, sand and gravel
- 10,015 Core No. 17, rec. 1'3" sand and gravel, no odor and salty taste
- 10,021 Sand, gravel
 - Reamed 10,009-10,015 6½ - 9"
- 10,032 Hard sand and gravel
- 10,052 Sand and gravel
- 10,054 (hard) sand, quartz
- 10,072 Sand and gravel
- 10,078 Hard sand and gravel
- 10,084 Hard sand
- 10,095 Hard sand and gravel
- 10,114 Sand and gravel
- 10,118 Hard sand and gravel
- 10,135 Hard sand and gravel
- 10,139 Hard sand and gravel
- 10,155 Hard sand and gravel
- 10,159 Hard sand and gravel
- 10,177 Hard sand and gravel
- 10,181 Hard sand and gravel
- 10,193 Hard sand and gravel
- 10,207 Sand
- 10,218 Hard sand and gravel
- 10,248 Sand and gravel
- 10,253 Sand and gravel
- 10,285 Sand and gravel
- 10,314 Sand and gravel
- 10,321 Sand
- 10,334 Hard sand and gravel
- 10,344 Hard sand and gravel
- 10,357 Sand
- 10,366 Hard sand and gravel

Union Producing Company — M. M. Waite No. 1

(Continued)

- 10,381 Sand (hard)
- 10,448 Sand and gravel
- 10,465 Sand
- 10,493 Sand and gravel
- 10,497 Sand and gravel
- 10,519 Core No. 18, rec. 1'6" sand, no odor and salty taste
- 10,587 Soft white sand
- 10,617 Sand
- 10,659 Sand and gravel
- 10,674 Sand and gravel
- 10,720 Sand (soft)
- 10,790 Sand and gravel
- 10,848 Sand, streaks of lignite
- 10,915 Sand and gravel
- 10,931 Sand and gravel
- 10,982 Sand and streaks of lime
- 11,015 Sand and gravel and little bit of lime
- 11,042 Sand and streaks red shale, some lime streaks
- 11,095 Sand
- 11,158 Sand and gravel
- 11,164 Sand and gravel
- 11,184 Core No. 19, rec. 12'3" shale, red sand and sandy shale, no odor, salty taste
- 11,203 Sand, streaks red shale
Reamed 11,164-11,184 6½ - 9"
- 11,233 Sand, shale streaks
- 11,248 Sand, and red shale
- 11,272 Sand and streaks red shale
- 11,293 Sand, shale streaks
- 11,306 Red shale and sand
- 11,321 Red shale and streaks sand
- 11,329 Red shale, streaks of sand
- 11,352 Sand and shale
- 11,365 Red sand and streaks red shale
- 11,408 Red sand
- 11,434 Sand, shallow streaks of shale
- 11,451 Red sand
- 11,470 Red and white sand
- 11,485 Red shale, streaks of sand
- 11,510 Sand, streaks of shale
- 11,521 Red sand and shale
- 11,546 Red sand and shale
- 11,590 Sand, shale, streaks of lime
- 11,638 Red and white sand and streaks shale, some lime
- 11,649 Red and white sand and shale, streaks lime
- 11,669 Core No. 20, rec. 19'6" sand, no odor and salty taste
Reamed 11,649-11,679 6½ - 9"
Reamed 11,679-11,689 6½ - 9"

Union Producing Company — M. M. Waite No. 1

(Continued)

- 11,693 Sand
- 11,694 Shale
- 11,714 Core No. 22, full recovery sand and sandy shale, 4" anhydrite, no odor and salty taste
- 11,734 Core No. 23, rec. 17'4" red sand and sandy shale, no odor and salty taste
Reamed 11,694-11,695 6½ - 9"
- 11,737 Sand and shale
Reamed 11,694-11,734 6½ - 9"
- 11,757 Core No. 24, rec. 15'10" sand and shale, no odor
Reamed 11,737-11,750 6½ - 9"
Reamed 11,750-11,757 6½ - 9"
- 11,761 Sand
- 11,771 Sand and gravel
- 11,792 Black shale and streaks anhydrite, some red shale and sand
- 11,802 Grayish black lime
- 11,818 Core No. 25, full recovery shaley lime and anhydrite
Reamed 11,802-11,816 6½-9"
- 11,834 Anhydrite, lime and streaks shale
Reamed 11,816-11,818 6½ - 9"
- 11,849 Black and gray lime and anhydrite
- 11,862 Black and gray lime and anhydrite
- 11,868 Anhydrite, gray lime and shale
- 11,880 Gray lime and shale
- 11,900 Core No. 26, rec. 15'10" shale, lime and anhydrite
- 11,904 Anhydrite and lime
- 11,923 Anhydrite and lime
- 11,932 Anhydrite and streaks lime
- 11,952 Core No. 27, rec. 13'5" lime, top 10" tite lime w/stain and odor oil, balance sulphur odor
- 11,972 Core No. 28, rec. 10' lime and anhydrite
Reamed 11,932-11,938 6½ - 9"
Reamed 11,938-11,958 6½ - 9"
- 11,984 Anhydrite and lime
Reamed 11,958-11,972 6½ - 9"
- 11,987 Lime
- 12,007 Core No. 29, rec. 16'6" lime and anhydrite w/sulphur odor and salty taste
- 12,027 Core No. 30, rec. 19'2" shale, lime and anhydrite
Reamed 11,987-12,001 6½ - 9"
- 12,047 Anhydrite and gray lime
Reamed 12,026-12,027 6½ - 9"
- 12,060 Lime and anhydrite
- 12,066 Lime
- 12,086 Core No. 31, rec. 17'3" lime and anhydrite, sulphur odor and salty taste
- 12,106 Core No. 32, rec. 6'6" lime and anhydrite, sulphur odor
Reamed 12,066-12,095 6½ - 9"

Union Producing Company — M. M. Waite No. 1

(Continued)

- 12,119 Gray lime
12,135 Anhydrite and lime
12,152 Anhydrite and lime gray
12,167 Lime and anhydrite
12,181 Lime and streaks anhydrite
12,185 Lime and streaks anhydrite
Reamed 12,095-12,106 $6\frac{1}{2}$ - 9"
12,205 Core No. 33, rec. 6' lime, sulphur odor, salty taste
12,209 Lime
Reamed 12,185-12,205 $6\frac{1}{2}$ - 9"
12,225 Lime and streaks anhydrite
12,247 Lime, streaks anhydrite
12,264 Lime and anhydrite
12,279 Lime and streaks anhydrite
12,288 Lime and anhydrite
12,291 Lime and anhydrite
12,331 Core No. 35, rec. 18' lime, anhydrite and sandy shale
Reamed 12,311-12,323 $6\frac{1}{2}$ - 9"
12,351 Core No. 36, rec. 17' siltstone, sandy shale and anhydrite w/some salt crystals
12,359 Core No. 37, rec. 7'1" anhydrite and siltstone
Reamed 12,323-12,351 $6\frac{1}{2}$ - 9"
12,361 Core No. 34, rec. 18' anhydrite, lime, rock salt, sand, sulphur odor, salty taste
12,379 Core No. 38, rec. 18'6" siltstone and rock salt
12,399 Core No. 39, rec. 19' rock salt w/streaks siltstone

TOTAL DEPTH 12,399'

SUMMARY

Naheola 780-1460

Porters Creek (Sucarnoochee) 1460-1630

"Calcareous Midway" (Clayton) 1630-1650

Selma 1650-2676

Eutaw 2676-3220

"Upper Tuscaloosa" 3220-3850

"Marine Tuscaloosa" 3850-4090

"Lower Tuscaloosa" 4090-4630

"Trinity" (Undifferentiated) 4630-8940

"Cotton Valley (Red Bed Facies)" 8940-11,160

"Cotton Valley" or "Buckner" 11,160-11,664

"Buckner" 11,664-11,780

"Smackover lime" 11,780-12,240

"Eagle Mills" 12,240-12,399 T.D.

W. R. Davis Company — Scotch Lumber Company No. 1

State Oil and Gas Board No. 15 (No. 45 on Map)

Located: NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 14, T. 10 N., R. 3 E., Clarke County

Elevation: 160'

Began: March 24, 1942

Casing record: 10 $\frac{3}{4}$ " @ 98'

Completed: April 1, 1942

0- 100 Surface
764 Sand, shale and shells
1000 Shale and shells
1080 Chalk
1334 Sandy shale
1420 Sandy shale
1703 Chalk—1490 Top Chalk (Schlum.)
1933 Chalk
2042 Chalk
2251 Chalk
2449 Chalk
2504 Chalk
2640 Shale
2908 Sand and shale 2638 Top Eutaw (Schlum.)
2935 Shale
2980 Sand
3027 Shale
3093 Sand
3110 Shale and lime streaks
3193 Sand and streaks shale
3209 Sand
3223 Hard shale
3379 Sand
3410 Hard red shale
3508 Sand
3550 Sand
3620 Sand and shale
3661 Sticky shale
3714 Hard shale
3718 Sticky shale
3753 Hard shale
3896 Hard shale w/streaks sand
3910 Sticky shale
3980 Shale
4043 Sand

TOTAL DEPTH 4043'

SUMMARY

Top Midway 1031

Top Selma 1490

Top Eutaw 2642

Top Tuscaloosa 3385

Remarks.—Schlumberger total depth 4042 feet.

Plains Production Company, Bunte Oil Company, James L. Duffy —

S. Chapman Estate No. 1

State Oil and Gas Board No. 72 (No. 46 on Map)

Located: NE¼ NW¼ sec. 30, T. 9 N., R. 3 E., Clarke County, Alabama

Elevation: 380'

Began: December 7, 1944

Casing Record: 10¾" @ 434'

Completed: December 30, 1944

0- 11 Top rotary to top of ground
14 Surface sand
18 Red sand and clay
30 Sand
400 Sand, shale, and shells
483 Shale and lime streaks
609 Shale and sand
612 Lime shell
1159 Sand and shale
1790 Lime, shells, and sand
1840 Shale
1925 Sand and shale
1985 Lime shells and shale
2293 Shale
3390 Chalk
3466 Chalk and shale
3489 Sand
3565 Sand and shale
3768 Sand and sandy shale
3820 Sandy shale
3855 Hard shale
3905 Sand and shale
3925 Hard sand and lime
3945 Shale
3950 Sand
3960 Sand and shale
4065 Sand, shale, and shells
4098 Sand and shale
4196 Red shale
4220 Shale and shells
4235 Sandy shale and sand
4335 Red shale and sand
4380 Hard shale and lime
4425 Shale
4510 Sandy shale and sand
4618 Shale
4655 Sandy shale
4666 Sand
4705 Sandy shale
4790 Hard shale and lime streaks
4825 Shale
4930 Sand and shale streaks

Plains Production Company, Bunte Oil Company, James L. Duffy —
S. Chapman Estate No. 1

(Continued)

5050 Shale
5205 Shale and sand streaks
5275 Shale
5315 Sand
5429 Shale and sand streaks
5455 Shale
5490 Hard shale and lime
5585 Red shale and sand
5685 Sand and shale streaks
5790 Hard shale and red sand streaks
6010 Sand and shale

TOTAL DEPTH 6010'

SUMMARY

Top Jackson 90
Top Moody Branch 180
Top Cockfield 210
Top Zilpha 270
Top Tallahatta 330
Top Wilcox 360
Top Clayton 2290
Top Selma 2342
Top Eutaw 3460
Top Tuscaloosa 3904
Top Marine Tuscaloosa 4502
Top Massive sand 4820
Top Lower Cretaceous 5204

Remarks.—Schlumberger total depth 6005 feet.

The California Company — Scotch Lumber Company No. 1

State Oil and Gas Board No. 89 (No. 47 on Map)

Location: NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 25, T. 10 N., R. 1 W., Clarke County, Alabama

Elevation: 263'

Began: June 3, 1945

Casing Record: 16" @ 31'
10 $\frac{3}{4}$ " @ 767'

Completed: July 10, 1945

0- 13 Cellar
25 Sand
31 Clay
215 Shale with streaks of Lime
397 Shale
516 Sticky shale
768 Shale

The California Company — Scotch Lumber Company No. 1

(Continued)

773 Shale
1060 Sand and shale
1583 Sandy shale
1770 Hard sand streaks of shale
1822 Lignite and shale
2155 Sand, lime, shale
2162 Sand
2182 Shale
2240 Shale
2255 Lignite
2262 Shale and shells
2334 Hard sandy lime
2436 Chalk
2455 Chalk with streaks of shale
2479 Chalk with streaks of shale
2490 Chalk with streaks of shale
2512 Chalk
2618 Lime
2623 Lime
2683 Chalk and lime
2690 Chalk
2897 Chalk, sdy lime and shale
3013 Shale, lime, chalk
3109 Shale, lime, chalk
3137 Shale, chalk
3402 Sdy, shale and chalk
3422 Sand n/s.
3618 Sdy. shale
3725 Sdy. shale
3876 Hard shale
3997 Sdy. lime and shale
4139 Shale
4145 Shale
4155 Sand
4325 Shale
4472 Shale
4545 Shale
4554 Hard sand
4630 Shale
4662 Sdy. shale
4710 Shale
4775 Shale

The California Company — Scotch Lumber Company No. 1

(Continued)

4791 Shale
4819 Shale
4847 Shale
5016 Shale with streaks of sand
5077 Shale
5144 Shale

TOTAL DEPTH 5144'

SUMMARY

Top Midway 1820
Top Chalk 2400
First sand 3400
Massive sand 4810

Remarks.—Schlumberger total depth 5144 feet.

COLBERT COUNTY

Frederic F. Mellen & Raymond Gear — Mrs. W. B. Alsobrook No. 1

State Oil and Gas Board No. 2 (No. 49 on Map)

Located: S½ SW¼ NW¼, sec. 10, T. 4 S., R. 15 W., Colbert County

Elevation: 515'

Began: August 16, 1940

Casing Record: 10" @ 46'
8¼" @ 474'

Completed: March 31, 1941

0-	5	Surface
	44	Gray lime
	45½	Open cave
	75	Gray lime
	95	Brown lime
	112	Gray lime
	115	Brown flinty lime
	119	Water sand (lime)
	130	Light brown lime
	145	Dark brown lime
	205	Gray lime
	284	Brown lime
	315	Dark brown lime
	322	Dark gray lime
	375	Dark brown lime
	401	Dark gray lime
	440	Black lime
	444	Green shale
	450	Black shale (Chattanooga)
	456	Black sandy shale (Chattanooga)
	480	Gray sandy lime
	544	Blue lime
	565	Dark gray lime
	580	Blue lime
	672	Dark gray lime
	693	Gray shale
	725	Red rock
	736	Green shaley lime
	761	Pinkish lime
	773	Red rock and green shale
	785	Pinkish lime
	798	Red rock
	1018	Dark gray lime (Trenton—top Ordovician)
	1047	Brown lime
	1065	Brown sand (lime) cuttings fine
	1112	Brown lime
	1124	Brown sandy lime cuttings fine
	1168	Brown lime
	1175	Gray lime
	1190	Dark gray lime

Frederic F. Mellen & Raymond Gear — Mrs. W. B. Alsobrook No. 1

(Continued)

1196	Blue lime
1215	Light brown lime
1218	Blue lime
1260	Gray lime
1285	Brown lime
1330	Dark gray lime
1345	Gray lime
1351	Brown lime
1357	Gray lime
1375	Brown lime
1404	Dark gray lime
1412	Gray lime
1425	Dark gray lime
1565	Gray lime
1572	Green lime
1625	Gray lime
1639	Green shale
1661	Brown lime
1679	Gray lime (Water 1675-1679)

TOTAL DEPTH 1679'

SUMMARY

Chester 0-7

Tuscumbia and Ft. Payne 7-440

Maury green shale 440-444

Chattanooga black shale 444-456

Devonian and Silurian (Niagaran) 456-693

Silurian (Niagaran: Wayne formation) 693-798

Trenton 798-1018

Early and Middle Ordovician 1018-1679 T.D.

Remarks.—Listed in Alabama Geological Survey Bulletin 50, "Well Logs of Alabama," p. 347, and part of log given on pp. 18, 19.

COVINGTON COUNTY

G. W. Strake — A. F. Bullard et al No. 1

State Oil and Gas Board No. 17 (No. 51 on Map)

Located: SW¼ SE¼ sec. 10, T. 2 N., R. 14 E., Covington County

Elevation: 309.9

Began: May 6, 1942

Casing record: 10¾" @ 539'

Completed: June 22, 1942

- 0- 29 Surface clay
- 82 White sand
- 102 Shale, clay and shells
- 120 Clay and shells
- 132 Sand and gravel
- 185 Sand marl
- 242 Marl, chert and gravel
- 248 Marl, chert and gravel
- 292 Sand and marl
- 324 Lime and marl
- 424 Soft lime and hard lime shells
- 435 Sand and lime shells
- 510 Soft shale and shells
- 520 Soft clay and shells
- 539 Sand and shells
- 561 Shale and lime
- 715 Sand and shells
- 745 Shale and shells
- 895 Sand, sandy shale and shale
- 1017 Sandy shale and sand
- 1087 Limey shale and sand
- 1205 Shale and sand and shells
- 1295 Shale and shells
- 1425 Bluish shale
- 1455 Shale and sand
- 1465 Shale
- 1485 Shale and shells
- 1760 Shale and sandy shale
- 1855 Limey shale and shells
- 1915 Sandy shale and shells
- 2027 Shale and shells
- 2083 Sticky shale (Marl)
- 2097 Sand, sandy shale and shells
- 2135 Shale and chalk shells
- 2268 Shale—lime shells
- 2298 Broken chalk-shale
- 2455 Shale-Marl
- 2486 Shale-Marl
- 2680 Shale and lime marl
- 2797 Shale and lime
- 2880 Shale and lime

G. W. Strake — A. F. Bullard et al No. 1

(Continued)

- 2987 Broken chalk
- 3055 Broken chalk
- 3185 Shale and lime
- 3240 Shale, lime soft chalk
- 3430 Shale—soft chalk
- 3450 Chalk
- 3490 Shale-soft chalk-lignite
- 3555 Sticky shale and soft chalk
- 3621 Sticky shale and lime
- 3758 Shale-marl and soft chalk
- 3760 Lime
- 3791 Sand
- 3796 Broken, sandy lime
- 3817 Sand and shale
- 3840 Shale and sand
- 3850 Sand
- 3905 Sand, shale and hard shells
- 3965 Sand and sandy lime
- 3980 Shale and lime
- 4065 Sand, shale
- 4095 Hard sand and chalk (gas odor)
- 4135 Hard sand and chalk
- 4168 Chalk and sand streaks
- 4240 Chalk, shale and sand streaks
- 4270 Sand
- 4274 Shale
- 4285 Shale and sandy lime
- 4295 Sandy lime
- 4297 Sand
- 4304 Sand
- 4314 Sand and shale
- 4344 Sand
- 4354 Sand and shale
- 4362 Sand and shale
- 4372 Sand and shale
- 4378 Shale and lime
- 4381 Lime
- 4391 Sand
- 4401 Sand and shaley sand
- 4417 Sand
- 4421 Shale and lime
- 4435 Lime, shale and shells
- 4443 Shale and sandy shale
- 4447 Hard sand and shells
- 4453 Hard sandy lime
- 4463 Sandy shale and lime
- 4473 Sand and shale

G. W. Strake — A. F. Bullard et al No. 1

(Continued)

4482	Sandy shale and lime
4496	Lime and shale
4507	Lime and shale
4536	Sandy lime and hard sand
4550	Lime and shale
4585	Shale and shells
4675	Shale, shells and sand
4716	Shale, shells and sand
4737	Sand
4775	Sandy shale and sand
4785	Sand
4791	Sand
4817	Sand
4822	Shale
4839	Shale and lime
4854	Sand
4878	Sand
4893	Sand, shale and shells
4927	Shale and shells
4938	Lime
4940	Sand
4950	Sand
4960	Sand
5020	Sand
5030	Sand
5052	Shale and shells
5077	Sand and shells
5086	Sand and shells
5210	Sand, shale and shells
5227	Shale, shells
5275	Shale, lime and hard sand
5285	Sand (slight stain and faint odor)
5291	Sand 100%
5297	Red shale
5305	Red shale
5386	Sand and shells
5396	Sand
5406	Red shale and sand
5411	Red shale and sand
5433	Red shale
5435	Red shale
5446	Sand
5456	Sandy lime and hard sand
5504	Sand and mica
5513	Lime and shale
5525	Sand
5530	Lime and shale
5535	Sand

G. W. Strake — A. F. Bullard et al No. 1

(Continued)

- 5540 Lime and shale
- 5549 Sand and lime shells
- 5551 Sand and shells
- 5562 Shale and lime
- 5579 Sand
- 5586 Sand
- 5589 Shale
- 5620 Sand and shale
- 5635 Sand
- 5675 Shale and sandy shale (red)
- 5683 Shale and sand
- 5689 Red shale
- 5696 Sticky shale
- 5703 Sticky shale
- 5730 Sand, shale and shells
- 5746 Sand
- 5786 Shale and sandy shale
- 5790 Sand
- 5860 Sand, shale and chalk shells
- 5873 Red shale
- 5880 Shale and sand
- 5900 Sand
- 5910 Sand and red sandy shale
- 5920 Sandy shale (red)
- 5929 Sand (mica)
- 5952 Hard sand and shale
- 5957 Sand (salt water) 100%
- 6005 Shale and sand
- 6034 Shale, sand, chalk and shells
- 6048 Shale and shells
- 6066 Lime
- 6068 Sand
- 6078 Sand 100%
- 6088 Sand
- 6098 Sand
- 6108 Shale and lime
- 6118 Sand and shale
- 6123 Sand and shale
- 6133 Sand, broken
- 6143 Sand, broken
- 6153 Sand and shale
- 6155 Red shale
- 6185 Red shale and shells
- 6189 Tough shale (brown)
- 6204 Shale and lime
- 6208 Shale
- 6217 Sand
- 6227 Sand

G. W. Strake — A. F. Bullard et al No. 1

(Continued)

6282 Sand and shells
 6302 Shale and lime
 6319 Shale and shells
 6331 Shale and shells
 6336 Sand
 6346 Sand
 6387 Sand and shale
 6394 Shale and lime
 6398 Sand
 6408 Sand (salty) 70%
 6442 Sand and shells
 6450 Shale and shells
 6461 Sand
 6471 Sand and shale
 6518 Sand, shale and shells
 6526 Shale (tough)
 6562 Streaks sandy shale
 6578 Shale, sand and shells
 6616 Shale, sand and shells

TOTAL DEPTH 6616'

CORES

No. 1 - No. 7	1395-1465
No. 8 - No. 9	3797-3817
No. 10	3840-3850
No. 11 - No. 12	3945-3965
No. 13 - No. 14	4240-4260
No. 15 - No. 25	4275-4372
No. 26 - No. 28	4378-4401
No. 29 - No. 32	4435-4473
No. 33 - No. 34	4775-4791
No. 35 - No. 36	4940-4960
No. 37 - No. 39	5275-5297
No. 40	5386-5396
No. 41	5406-5411
No. 42	5579-5589
No. 43	5619-5629
No. 44	5635-5645
No. 45	5730-5740
No. 46	5785-5790
No. 47 - No. 49	5900-5929
No. 50	5952-5957
No. 51 - No. 60	6068-6155
No. 61	6217-6227
No. 62	6336-6346
No. 63	6398-6408
No. 64	6461-6471

Remarks.—Schlumberger total depth 6618 feet.

ESCAMBIA COUNTY

Hunt Oil Company — T. R. Miller Mill Co. No. 1

State Oil and Gas Board No. 22 (No. 52 on Map)

Located: NE¼ SW¼ of Sec. 27, T. 3 N., R. 11 E., Escambia County, Alabama

Elevation: 271'

Began: May 19, 1943

Casing record: 10¾" @ 313'

Completed: June 4, 1943

0- 313 Surface clay sand and gravel
 840 Sand
 980 Sandy shale
 1690 Shale with sand streaks
 2100 Shale and lime
 2690 Shale
 2800 Lime
 3250 Shale
 4090 Shale and sand
 5723 Sand and shale with lime streaks

TOTAL DEPTH 5723'

Remarks.—Schlumberger total depth 5723 feet.

Hunt Oil Company — T. R. Miller Mill Co. No. 2

State Oil & Gas Board No. 37 (No. 53 on Map)

Location: NE¼ SW¼ Sec. 16, T. 3 N., R. 12 E., Escambia County, Alabama

Elevation:

Began: February 11, 1944

Casing Record: 10¾" @ 275'

Completed: March 2, 1944

0- 49 Surface sand and large gravel
 76 Broken gravel, sand, clay
 107 Sandy lime and gravel
 139 Gummy shale
 168 Shale w/coral bed streaks
 178 Soft sticky shale
 210 Sand, lime, hard streaks coral
 228 Sandy lime and shells
 260 Lime and coral
 340 Shale, blue and green
 360 Shale streaks w/gravel
 424 Coarse sand
 444 Shale
 525 Coarse-grained water sand
 586 Blue sandy shale
 618 Shale and shells
 690 Salt and pepper sand
 740 Shale and shells
 755 Hard sandy shale-green

Hunt Oil Company — T. R. Miller Mill Co. No. 2

(Continued)

780 Salt and pepper sand
820 Sandy shale and sand streaks
870 Gray sandy shale
880 Hard gray shale
924 Gummy shale
929 Hard lime-rock
1041 Gummy shale w/streaks sand
1043 Hard lime-rock
1150 Sandy lime and shale
1240 Sticky shale
1250 Sand
1284 Sticky shale
1548 Gummy shale w/streaks lime shells
1568 Sandy shale
1727 Shale
1745 Sand
1750 Gray shale
1757 Sand
1765 Shale
1800 Sandy shale with streaks shells
1806 Lime rock (hard)
1849 Sandy shale and shells
2021 Gummy shale or gumbo
2060 Soft sandy shale
2241 Brown sticky shale
2276 Sticky shale-soft
2359 Gummy shale
2400 Tight gray and green shale
2476 Sandy shale
2500 Sticky shale
2566 Chalk
2640 Sticky lime (or chalk) and shale
2670 Shale with streaks mushy lime
2746 Black shale and black shale boulders
2884 Sandy gummy shale
2920 Black & gray shale
2993 Loose shale w/gummy streaks
3021 Black shale
3146 Chalk
3200 Green sandy shale with chalk streaks
3235 Shale
3266 Gummy sandy shale
3300 Gray shale
3392 Shale and sticky lime
3445 Chalk and shale w/lime shells
3478 Sandy gummy shale w/chalk streaks
3790 Chalk and shale and shale streaks
3850 Sandy shale

Hunt Oil Company — T. R. Miller Mill Co. No. 2

(Continued)

3876	Chalky sand
3932	Shale and lime shells
3940	Chalky sand
4003	Sandy shale
4125	Sand and shale (soft)
4184	Sandy lime and shale
4273	Sandy shale and soft sandy lime
4441	Sand and shale
4521	Hard flinty gray shale w/some iron pyrites
4630	Sandy shale
4655	Sticky shale and lime
4818	Hard sandy shale with fossils
4868	Sand
4920	Gray shale with sand streaks, shells
4972	Sandy shale w/strks lignitic shale; iron pyrites
5198	Sandy shale with streaks sand
5245	Sand and shale
5702	Coarse sand with streaks of shale
5724	Soft sand
5732	Hard shale
5762	Coarse sand and shale
5797	Sand with streaks of red shale
6126	Sandy shale
6155	Sand and sandy shale streaks
6178	Hard shale
6188	Red shale and sand—Hard

TOTAL DEPTH 6188'

Remarks.—Schlumberger total depth 6179 feet.

Humble Oil & Refining Company — Mrs. Minnie E. Skinner No. 1

State Oil and Gas Board No. 50 (No. 54 on Map)

Located: SE¼ NW¼ Sec. 10, T. 3 N., R. 10 E., Escambia County

Elevation: 251'

Began: May 26, 1944

Casing Record: 13¾" @ 884'

Completed: September 7, 1944

0- 234 Surface Clay and Sand
1084 Sand, Shale and Shells
1515 Sand and Shale
1535 Sand
1710 Sandy shale and Streaks lime
1746 Sand
1903 Shale and lime streaks
1963 Sand
2070 Shale and sand streaks
2355 Shale, shells w/streaks sand
2690 Shale and sand streaks
3243 Shale and chalk streaks
3477 Chalk
3690 Chalk and shale streaks
3700 Chalk
3868 Chalk and shale streaks
3972 Chalk
4060 Chalk and shale streaks
4093 Shale
4100 Sand
4165 Shale and sandy shale
4272 Sand and lime streaks
4381 Limey shale
4742 Sand and shale streaks
4750 Sand
4762 Shale and streaks sand
4842 Sand
4898 Sand and shale w/lime streaks
4960 Shale and limestone
5010 Shale and streaks sand
5040 Shale and lime streaks
5050 Shale
5070 Shale and limestone
5130 Sand
5206 Shale and lime streaks
5288 Shale and sandstone
5366 Sand and streaks shale
5465 Shale and sand streaks
5508 Shale
5568 Hard sand w/soft streaks
5664 Sand and shale
5682 Sand
6155 Shale and sand

Humble Oil & Refining Company — Mrs. Minnie E. Skinner No. 1

(Continued)

- 6214 Sand and red shale
- 6253 Sand w/streaks shale
- 6338 Shale and sand, w/lime streaks
- 6340 Sand
- 6399 Red and gray shale
- 6437 Shale and sandy lime
- 6491 Shale
- 6612 Red shale and sand
- 6640 Hard sand
- 6659 Red shale
- 6691 Sand and shale streaks
- 6740 Shale, sand and lime
- 6798 Red sand and shale
- 6910 Red shale
- 6962 Red shale, sand and streaks lime
- 7025 Red shale and sand
- 7050 Red shale, lime and sand
- 7094 Sand
- 7134 Sand and shale
- 7168 Sandy shale and lime streaks
- 7216 Sandy shale
- 7250 Red shale w/streaks sand and lime
- 7293 Red shale and small sand streaks
- 7404 Red shale and sand streaks
- 7453 Shale and sand
- 7502 Red and blue shale w/sand streaks
- 7550 Red shale and sand streaks
- 7675 Shale and sand
- 7726 Sand and shale w/streaks lime
- 7823 Red shale and streaks sand
- 7863 Shale and sand w/streaks lime
- 7905 Sand and shale
- 7930 Shale and sand w/streaks lime
- 7935 Red shale
- 8012 Shale and streaks sand
- 8062 Sand
- 8299 Red shale and sand streaks
- 8339 Red shale w/streaks sand and lime
- 8396 Sand w/streaks shale
- 8483 Red shale and sand streaks
- 8503 Sand
- 8519 Hard sand and lime
- 8524 Sandy shale
- 8548 Hard red shale
- 8634 Red shale and sand
- 8669 Sand and red hard shale
- 8684 Hard red shale

Humble Oil & Refining Company — Mrs. Minnie E. Skinner No. 1

(Continued)

8701	Red shale and sand
8730	Hard red shale
8775	Red shale and sand
8794	Sand w/streaks shale
8998	Shale and sand
9096	Shale and streaks hard sand
9169	Sand and shale
9173	Shale and sand
9221	Sand and shale streaks
9243	Hard sand and shale
9302	Shale and sand streaks
9410	Sand and streaks shale
9459	Sand and shale
9488	Shale
9501	Sand
9577	Shale and sand
9580	Sand
9608	Sand and shale
9626	Sand and sandy shale
9658	Sand and shale streaks
9688	Sand and shale
9702	Sand
9765	Sand, shale and lime
9806	Hard sand w/soft streaks
9842	Hard sand and streaks shale
9868	Sand and shale
9882	Sand
9905	Sand and sandy shale
9919	Sand, shale and lime streaks
9942	Red shale and sand
9953	Sand and sandy shale
9973	Sand and red shale
9976	Sand
10000	Sand and shale
10051	Sand and sandy shale
10077	Hard red shale and sand streaks
10096	Sand and red shale
10118	Hard shale and sand
10168	Sand and sandy shale
10202	Sand
10234	Sand and sandy shale
10252	Red sandy shale and hard sand
10352	Sand and red shale streaks
10362	Sand and shale
10396	Sand
10416	Hard sand and shale
10423	Hard sand

Humble Oil & Refining Company — Mrs. Minnie E. Skinner No. 1

(Continued)

10426	Hard sand and shale
10428	Shale
10492	Sand and shale
10504	Red shale and sand
10518	Red shale
10536	Sand and shale
10585	Red shale and sand streaks
10618	Sand and shale streaks
10691	Shale and sand
10705	Shale
10751	Sand and shale streaks
10774	Red shale and sand streaks
10778	Sand
10848	Sand and shale
10866	Sand
10873	Shale
10997	Shale and sand
11005	Sand
11076	Sand and shale
11098	Sand
11100	Sand and shale

TOTAL DEPTH 11,100'

Remarks.—Schlumberger total depth 11100 feet.

Hunt Oil Company — Samuel Foshee Jr. et al Trustee and T. R. Miller Mill Co. No. 1

State Oil & Gas Board No. 58 (No. 55 on Map)

Location: SE¼ SW¼ Sec. 15, T. 1 N., R. 10 E., Escambia County, Alabama

Elevation: 99'

Began: August 16, 1944

Casing Record: 10¾" @ 281'

Completed: September 5, 1944

0- 45	Clay and sand
265	Sand
300	Boulders and shale
1134	Shale and sand
1679	Hard sand, shale and boulders
1876	Shale and streaks hard sand
2228	Shale
2405	Sand and shale
2865	Shale and shells
3158	Shale
4095	Chalk
4591	Chalk and shale
4594	Sand
4608	Chalk and shale
4842	Sandy shale

Hunt Oil Company — Samuel Foshee Jr. et al Trustee and T. R. Miller Mill Co. No. 1—(Continued)

4862 Sandy shale and hard gray sand
5314 Shale
5354 Shale and sand
5389 Hard shale
5442 Shale and lime
5796 Shale
5846 Sand

TOTAL DEPTH 5846'

Remarks.—Schlumberger total depth 5843 feet.

Hunt Oil Company — Harry B. Jones No. 1

State Oil & Gas Board No. 59 (No. 56 on Map)

Location: SE¼ SE¼ Sec. 3, T. 1 N., R. 11 E., Escambia County, Alabama

Elevation:

Began: September 12, 1944

Casing Record: 10¾" @ 592'

Completed: October 19, 1944

0- 54 Sand and clay
371 Sand and shale
400 Lime
500 Sand
585 Sandy lime
700 Shale and sand
946 Lime, shale and shells
1345 Sand
1960 Sand and shale
2470 Shale
2575 Sandy shale
2995 Shale
3287 Chalk and shale
3389 Shale
3565 Chalk and shale
3796 Chalk
4160 Chalk and shale
4252 Chalk
4440 Chalk and shale
4441 Sand
4501 Sand
4615 S.W. sand
5099 Sand and shale
5181 Sand, shale and strks hard lime
5427 Shale
5579 Sand and shale
5620 Shale
6139 Sand and shale
6180 Shale and lime

Hunt Oil Company — Harry B. Jones No. 1

(Continued)

6787 Sand and red shale

7449 Sand and shale

TOTAL DEPTH 7449'

Remarks.—Schlumberger total depth 7448 feet.

FAYETTE COUNTY

J. C. Shepherd — Shepherd No. 1 (Fee No. 1)

State Oil & Gas Board No. 14 (No. 58 on Map)

Located: SE¼ NW¼ sec. 28, T. 16 S., R. 11 W., Fayette County

Elevation: 466'

Began: December 18, 1941

Casing record: 12" @ 18'

Completed: February 20, 1942

10" @ 201'

8" @ 592'

6½" @ 1699'

0-	8	Yellow clay
	26	Blue fire clay
	64	Blue shale
	95	Hard sandy shale
	155	Blue sandy shale
	220	Blue shale
	230	Hard green shale
	238	Hard sandy shale
	285	Blue sand rock
	325	Blue sandy shale
	355	Blue sand rock
	445	Blue shale
	456	Coal
	490	Blue shale
	495	Gray shale
	540	Blue shale
	560	Gray sand
	655	Blue shale
	690	Blue sand
	760	Blue sandy shale
	890	Blue shale
	895	Dark gray sand
	935	Blue shale
	967	Gray sand
	980	Blue shale
	995	Gray shale
	1025	Blue shale
	1028	Coal
	1060	White sand
	1085	Blue shale
	1115	Gray shale
	1235	Gray sand
	1300	Gray shale
	1505	Blue shale
	1510	Gray shale
	1530	Gray sand
	1550	Blue shale
	1570	Gray sand

J. C. Shepherd — Shepherd No. 1 (Fee No. 1)

(Continued)

1610 White sand
1700 Black hard shale
1775 Black shale soft
1880 Gray sand
1900 Blue shale
1980 Gray sand
2010 Gray shale
2020 Gray sand

TOTAL DEPTH 2020'

RECORD

Water	26
Gas and 6" Coal	455-460
Show heavy oil	540-555
Gas-oil show	890-895
Oil show	950-960
Oil show	1130-1135
Coal	1237-1240
Soft water	1570-1610

HALE COUNTY

Mound Park — Mound Park Water Well No. 1

(No. 126 on Map).

Located: Mound Park, Moundville, Hale County

Elevation:

Began:

Casing record:

Completed:

- 0- 29 Yellow and clear, rose and milky angular and etched sand, coarse-grained
39 Quartz, chert and sandstone pebbles, coarse sub-angular sand
50 Dark red sandy clay. Tuscaloosa
60 Same as preceding with mica present
70 Red, purple and yellow clay with sand and mica
80 Same as preceding with considerable green mica
90 Same as preceding
100 Mottled dark red, yellow and purple sandy clay. Pyrite and coarse flakes of mica
110 Same as preceding with green clay; more pyrite
120 Red and yellow clay and green micaceous shale
130 Green and gray sandy micaceous clay
140 Dark gray and green micaceous sandy shale. Pyrite
150 Same as preceding
160 Same as preceding with an abundance of green mica
170 Same as preceding with an increasing amount of sand
180 Medium greenish gray medium-grained micaceous, carbonaceous sandy shale; calcareous material present
190 Same as preceding
200 Hard green sandy, micaceous shale; carbonaceous material and sand
210 Dark red, drab, yellow and green clay; medium gray micaceous shale, coarse flakes of mica, pyrite
220 Same as preceding and coarse sand; carbonaceous material
230 Coarse sand, carbonaceous material and frag. of gray shale; also red and yellow shale
237 Same as preceding with more clay
240 Red and green clay, carbonaceous material, pyrite, medium-grained glau.? micaceous sandstone, large mica flakes
250 Same as preceding with green and red shale and mica
260 Medium-grained sand, mica and green clay; medium-grained, micaceous sandstone with glauconite? and sandy shale
270 Coarse to fine-grained angular sand with mica and carbonaceous material; medium gray micaceous, carbonaceous shale. Pyrite, a small amount of glau.?
280 Same as preceding with glauconitic ? sand and shale. Pyritized wood, pyrite in sandstone; carbonaceous material
290 Same as preceding with more of glauconitic ? sandstone; some of clay calcareous
300 Same as preceding and drab colored glauconitic ? clay
310 Medium-grained gray sand, medium gray micaceous, carbonaceous

Mound Park — Mound Park Water Well No. 1

(Continued)

- shale, purple clay, carbonaceous material; pyrite; frag. of black micaceous, carbonaceous shale
- 320 Medium gray micaceous, carbonaceous, shale, large flakes of mica, carbonaceous material, pyrite and sand
- 330 Medium greenish gray sandy micaceous, carbonaceous shale, with glauconite? red clay sand and pyrite
- 340 Medium gray micaceous carbonaceous shale and pyrite; sand
- 350 Medium to coarse-grained sub-angular and etched sand; frag. of gray micaceous shale; pyrite and large flakes of mica
- 360 Sand as in preceding and medium gray and greenish gray micaceous carbonaceous shale
- 370 Medium-grained sand and medium gray micaceous, carbonaceous shale. Pyrite
- 380 Coarse to fine sub-angular and etched sand; medium gray micaceous shale with sand in part
- 390 Medium gray coarse to fine sub-angular and etched sand and medium gray sandy shale; mica
- 400 Medium gray micaceous, carbonaceous shale, red clay and sand, frag. of light gray sandstone
- 410 Coarse to fine sub-angular and etched sand; pyrite
- 420 Coarse to fine sub-angular and etched sand, glauconite ? mica, pyrite and pyritized wood
- 430 Medium brownish gray hard calcareous shale and sand
- 440 Medium gray micaceous shale and sand; pyrite
- 450 Dark gray micaceous, carbonaceous shale and sand. Tuscaloosa
- 460 Dark and medium brownish gray greasy, micaceous, carbonaceous shale
- 471 Dark gray micaceous, non-calcareous shale with carbonaceous material. Tuscaloosa
- 502 Large quartz and chert pebbles, coarse sand and fragments of light gray coarse-grained sandstone; also fine-grained sand. Pieces of quartzite ?

TOTAL DEPTH 502'

V. C. Mickle — Mound Park Water Well No. 2

(No. 127 on Map)

Located: Mound Park, SP-12, sec. 1, T. 23 N., R. 4 E., Moundville, Hale County

Elevation:

Began:

Casing record: 3" @ 21'

Completed:

- 0- 15 Hard yellow clay
- 32 Sandy clay
- 41 Sand and gravel
- 50 Red clay
- 60 Red clay

V. C. Mickle — Mound Park Water Well No. 2

(Continued)

- 71 Sandy yellow clay
- 94 Red clay
- 121 Red and blue clay strata
- 200 Soft blue marl
- 215 Blue sand clay
- 242 Gray sand
- 243 Hard strata
- 255 Blue shale
- 283 Sandy blue marl
- 299 Hard stratified shale
- 310 Hard sandy shale
- 420 Sandy shale
- 432 Hard shale
- 470 Blue hard shale
- 496 Very sandy blue and green shale
- 501 Sand and gravel
- 515 Sand and gravel

TOTAL DEPTH 515'

HOUSTON COUNTY

Columbia Oil Company — State Land No. 1

(No. 66 on Map)

Located: SE cor. NE¼ NE¼ sec. 8, T. 2 N., R. 29 E., Houston County

Elevation: 200' Est.

Began: March 23, 1939

Casing record: 10" @ 80'

Completed: April 23, 1939

0-	20	Sand
	60	Red clay
	70	Coarse sand
	80	Clay
	102	Porous lime rock
	115	Sand—"dry"
	135	Shale
	145	Porous lime
	225	Shale and streaks of lime
	260	Sand
	365	Sandy shale and shells
	369	Lime rock
	390	Sandy shale and shells
	405	H.B.
	475	Coarse streaks of shale and shells
	555	Dark gray sand streaks black shale
	585	Dark shale
	610	Dark sandy shale
	612	Shell
	707	Black shale
	785	Gray sandy shale
	790	Lime rock
	800	Gray sand
	846	Lime rock
	860	Sand gray
	890	Lime rock
	1060	Black shale shells
	1063	Sand
	1066	Sandy shale
	1160	Hard shale
	1163	Hard lime streaks black shale
	1279	Hard gray lime streaks hard shale
	1320	Sticky shale gumbo
	1390	Gray shady shale
	1410	Sticky shale
	1760	Sticky shale
	1770	Chalk
	1790	Hard shale streaks soft sandy shale
	1885	Shale
	1886	Streaks lime
	1890	Hard shale

Columbia Oil Company — State Land No. 1

(Continued)

1900 Streaks lime and shale
2000 Shale gray
2050 Shale streaks lime
2052 Streaks lime and shale
2110 Shale streaks lime
2143 Chalk
2150 Chalk

TOTAL DEPTH 2150'

LAMAR COUNTY

Stanolind Oil and Gas Company — Jack Woods No. 1-A

State Oil and Gas Board No. 27 (No. 67 on Map)

Located: NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 23, T. 14 S., R. 15 W., Lamar County

Elevation: 417'

Began: May 16, 1944

Casing record: 16" @ 337'

Completed: August 27, 1944

13 $\frac{3}{8}$ " @ 1166

10 $\frac{3}{4}$ " @ 1787

8 $\frac{5}{8}$ " @ 2612

0-	35	Gravel
	50	Sand
	120	Red mud
	248	Sand
	265	Blue shale
	328	Sand
	400	Blue shale
	450	Sand
	490	Shale
	625	Sand
	660	Shale
	885	Sand
	955	Blue shale
	967	Sand
	1010	Blue shale
	1485	Sand
	1538	Lime
	1775	Sand
	1955	Lime
	2030	Shale
	2104	Shale and shells
	2125	Lime
	2415	Shale
	2425	Lime
	2430	Shale
	2517	Sand
	2563	Shale
	2595	Lime
	2770	Cherty lime
	2965	Shale
	2975	Lime (Top of Hartselle—2973')
	3040	Sand
	3060	Blue shale
	3170	Lime (Top Tusculumbia Lime—3060')

TOTAL DEPTH 3170'

Stanolind Oil and Gas Company — Jack Woods No. 1-A

(Continued)

SUMMARY

Top Pottsville 325

Est. 1 million cu. ft. gas @ 494'

Top Bangor ? 2563

Top Hartselle 2973

Top Tusculumbia 3060

Ft. Payne 3144-3170 T.D.

Remarks.—Jack Woods No. 1 began drilling November 6, 1943. After drilling 296 feet, the rig was skidded 50 feet to location of Jack Woods No. 1-A.

LAUDERDALE COUNTY

A. W. T. Davis & J. L. Jaynes — Shelton Estate No. 1

State Oil and Gas Board No. 28 (No. 68 on Map)

Located: SW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 10, T. 2 S., R. 10 W., Lauderdale County

Elevation: 510'

Began: October 29, 1943

Casing record:

Completed: November 9, 1943

- 0- 18 Surface
- 25 White lime
- 40 White lime & black shale
- 50 White lime & blue shale
- 70 Green shale
- 150 Red rock
- 225 Dark gray lime (Gas at 159)
- 250 Medium grey lime (Gas at 232)
- 460 Dark grey lime (Gas at 340)
- 480 Brown lime (oil at 480)
- 484 Light fine light grey lime
- 486 Light brown lime
- 489½ Light brown lime
- 494½ Light brown lime
- 500 Light brown lime
- 525 Light brown lime (salt water at 524)

TOTAL DEPTH 525'

A. W. T. Davis & J. L. Jaynes — Shelton Estate No. 2

State Oil and Gas Board No. 30 (No. 69 on Map)

Located: NW cor. SE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 9, T. 2 S., R. 10 W., Lauderdale County

Elevation: 515'

Began: November 1943

Casing record:

Completed: December 1943

- 0- 16 Surface
- 20 Blue and white lime
- 40 Same (Top of shale 37')
- 55 Green and black shale
- 60 Green-grey lime
- 80 Medium grey lime
- 155 Red rock
- 255 Dark grey lime
- 275 Same
- 300 Lime grey and brown
- 310 Medium grey lime
- 480 Dark grey lime
- 522 Light brown lime
- 526 Grey lime

A. W. T. Davis & J. L. Jaynes — Shelton Estate No. 2

(Continued)

530 Same

550 Light brown lime

TOTAL DEPTH 550'

A. W. T. Davis & J. L. Jaynes — Shelton Estate No. 3

State Oil and Gas Board No. 32 (No. 70 on Map)

Located: NE cor. SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 10, T. 2 S., R. 10 W., Lauderdale County

Elevation: 535'

Began: December 1943

Casing record:

Completed: January 1944?

0- 22 Surface
24 Rock
36 Boulders
40 Chert
55 Chert
60 Chert and lime
65 Chert
70 Chert and shale
85 Black shale
90 Green and black shale
110 Green shale and white lime
115 White lime
191 Red rock
195 Weathered lime (?)
200 Dark gray sandy lime
240 Same
245 Light gray lime
320 Dark gray lime
360 Same
365 Light gray lime
370 Dark gray lime
375 Light gray lime
395 Dark gray lime
415 Medium gray lime
420 Dark gray lime (shaley)
440 Same
515 Dark gray lime
520 Dark brown lime (showing)
550 Dark brown lime

TOTAL DEPTH 550'

George F. Mercer — Mrs. Neil Patterson No. 1

State Oil and Gas Board No. 11 (No. 71 on Map)

Located: NE¼ NW¼ SE¼ sec. 8, T. 2 S., R. 12 W., Lauderdale County

Elevation: 585'

Began: June 18, 1941

Casing record: 12" @ 38'
8" @ 304'

Completed: October 18, 1941

- 0- 28 Soil
38 Gravel and boulders
137 Fort Payne Chert (very resistant)
260 Dark lime (show of oil at 55 ft.)
262 (Devonian) show of asphalt at 232 ft.
267 Gray lime
281 Gumbo
299 Gray lime
323 Red rock
345 Gray lime
400 Pink lime (gas pocket at 363 ft.) corniferous ??
470 Blue lime
476 Yellow cast lime
515 Blue lime
544 Dark and gritty lime
656 Blue lime
786 Brown and cherty lime
850 White lime (sandy) salt water at 845 (exhausted)
893 White lime (coarse grain)
920 White lime (fine grain)
940 Blue lime
951 Light drab lime
963 Brown lime
970 Blue lime
992 Brown lime
1062 Blue lime
1130 Gray lime
1160 Shelly lime
1187 Light drab lime
1193 Dark lime
1240 Light drab lime
1279 Coarse grain lime
1370 Blue lime
1410 Brown lime (trace of oil ether test)
1488 Sandy lime
1499 Cherty lime (salt water at 1435) (almost exhausted).
1545 Lime (hard) sulphur water at 1520
1556 Lime (hard)
1611 White lime (water at 1580)
1640 Brown lime (hard)
1655 Blue lime (hard)
1675 Gray lime (hard) water at 1660

George F. Mercer — Mrs. Neil Patterson No. 1

(Continued)

1690 Blue lime
1702 Brown lime
1770 White lime (hard) (water at 1704)
1800 Cherty lime (hard)
1800 Brown lime
1808 Blue lime
1813 Cap Rock (hard)
1827 Brown sand
1838 Blue lime (black sulphur water at 1829)
1849 White lime (hard and gritty)
1856 Brown lime
1870 Gray lime
1879 Brown lime
1904 White lime (black sulphur water at 1880)
1914 Brown lime
1939 White lime
1958 Gray lime
1962 Sharp sand
1975 Gray lime (black sulphur water at 1963)
2000 White lime

TOTAL DEPTH 2000'

LAWRENCE COUNTY

Reynolds Metals Company — Connors No. 1

State Oil and Gas Board No. 21 (No. 75 on Map)

Location: NE¼ NE¼ Sec. 17, T. 5 S., R. 8 W., Lawrence County

Elevation: 620'

Began: May 15, 1943

Casing record: 13" @ 20'-8"

Completed: September 9, 1944

10" @ 312'

6 $\frac{5}{8}$ " @ 3054

- 0- 3 Soil red
- 8.6 Clay red
- 35 Sand fine
- 42 Lime gray, hard
- 55 Sandy lime shells, white and coarse
- 70 Lime yellow and very hard
- 101 Lime, white and very hard
- 173 Break, soft and dark but lighter in color near bottom
- 214 Lime shells
- 226 Lime, very hard
- 248 Lime, sandy, hard
- 302 Lime sandy
- 511 Lime gray
- 530 Lime gray, hard and gritty
- 567 Lime brown hard
- 590 Lime gray hard
- 612 Brown lime very hard
- 633 Break hard
- 651 Lime white
- 670 Chattanooga shale
- 678 Lime white
- 700 Lime gray
- 712 Lime soft and gritty
- 765 Lime pink shelly
- 780 Lime yellow
- 793 Lime Trenton
- 800 Slate blue soft
- 813 Lime gray
- 825 Slate gray
- 892 Lime gray
- 900 Slate blue
- 952 Lime gray
- 966 Lime yellow
- 998 Slate dark
- 1054 Lime gray, hard and gritty
- 1070 Lime brown coarse
- 1220 Lime very hard
- 1250 Lime white (1260—Soft white lime)
- 1300 Lime slow drilling

Reynolds Metals Company — Connors No. 1

(Continued)

- 1342 Lime gray hard
- 1402 Lime brown very hard
- 1407 Lime white
- 1440 Lime gray
- 1445 Lime brown, coarse
- 1518 Lime brown and gray blue with grayish cast. Some very hard.
- 1527 Lime gray, very hard. Reduced hole from 10" to 8¼".
- 1552 Lime brown average lime drilling
- 1557 Lime brown
- 1575 Lime brown mixed with gray—very hard
- 1596 Lime average lime drilling.
- 1613 Lime very hard 1608 to 13 very fine
- 1846 Lime. Streaks in color, gray to almost white, very hard streaks.
- 1884 Lime and shells. Lime with slate breaks.
- 2027 Lime gray. Some fine, some coarse, most of it very hard.
- 2037 Sand white hard
- 2041 Lime yellow very hard, deep yellow—Little extra
- 2046 Lime very hard Water 2055. More water 2065.
- 2052 Lime tan hard
- 2055 Lime yellow hard
- 2065 Lime gray hard
- 2170 Lime sandy different colors and kinds of formations. Sand white and hard. Fine, tan and gray—very difficult drilling.
- 2179 Lime tan hard
- 2242 Sand white hard
- 2254 Lime light gray
- 2274 Lime blue sandy
- 2281 Lime white sandy
- 2284 Lime gritty very hard
- 2344 Lime white sandy
- 2347 Lime gray sandy
- 2369 Lime sandy white. White sand, tan, sandy, lime.
- 2486 Sand hard white
- 2490 Lime, fine and sandy
- 2500 Lime, gray
- 2617 Sand white
- 2626 Lime, gray
- 2635 Lime, black
- 2702 Lime, gray
- 2731 Lime, fine, light
- 2786 Sand, hard
- 2816 Lime, gray
- 2970 Sandy, lime
- 2976 Lime, dark brown
- 2981 Lime, gray
- 3000 Lime, dark brown
- 3088 Lime, gray

Reynolds Metals Company — Connors No. 1

(Continued)

3115	Lime, dark
3125	Sand, white
3168	Sand, dark brown
3184	Lime, white
3325	Lime, gray
3334	Lime, white
3500	Lime, gray
3510	Lime, brown
3825	Lime, gray
3875	Lime, brown
3890	Lime, white, hard
3900	Lime, brown
3905	Lime, white
3920	Lime, brown
3930	Sand, hard
3970	Lime, gray, hard
4000	Lime, white and brown
4275	Lime, white
4300	Lime, gray
4407	Lime, white
4500	Lime, gray

TOTAL DEPTH 4500

SUMMARY

Hartselle 0-45
Gasper 45-224
Bethel 224-243
Ste. Genevieve 243-276
Tuscumbia 276-367
Salem 376-393
Warsaw 393-487
Ft. Payne 487-651
Chattanooga 651-667
Red Mountain 667-807
Trenton 807-1065
Black River 1065-1676
Pre-Stone River-Post Knox 1676-2832
Knox dolomite 2823-4500 T.D.

MADISON COUNTY

W. W. Newman — W. P. Nichols No. 1

(No. 81 on Map)

Location: NW¼ NE¼ Sec. 2, T. 6 S., R. 2 E., Madison County

Elevation: 625'

Began: December 29, 1939

Completed: October, 1940

- 0- 4 Yellow clay
- 15 Boulders and yellow clay
- 20 Dense, light gray limestone
- 25 Dark gray shaly limestone
- 30 Gray shaly limestone
- 35 Steel gray limestone
- 40 Steel gray limestone
- 45 Light gray limestone
- 50 Light gray limestone
- 54 Light gray limestone, some bluish-green shale
- 55 Light limestone
- 60 Light grey limestone
- 65 Light grey limestone
- 70 Light grey limestone
- 75 Light grey limestone
- 80 Light grey limestone
- 85 Steel gray lime — Shells in cutting
- 90 Steel gray lime
- 95 Steel gray lime
- 100 Steel gray lime
- 105 Steel gray lime
- 110 Steel gray lime
- 115 Light gray lime cut fine—Water at 117 ft. light sulphur
- 120 Light gray lime cut fine
- 125 Steel gray lime cut coarse
- 130 Steel gray lime cut coarse
- 135½ Steel gray lime cut coarse—set casing 135½ ft.
- 140 Steel gray lime cut coarse
- 145 Dark gray lime cut fine—Black salt & sulphur water show of oil 142'
- 150 Dark gray lime cut fine
- 155 Light gray lime cut fine
- 160 Light gray lime cut coarse
- 165 Light gray lime cut coarse
- 170 Light gray lime cut coarse
- 175 Dark gray lime cut coarse—odor of sulphur
- 180 Dark gray lime mixed white flakes
- 185 Dark gray lime
- 190 Dark gray lime
- 195 Dark gray lime

W. W. Newman — W. P. Nichols No. 1

(Continued)

- 200 Dark gray lime
- 205 Dark gray lime—Show of gas
- 210 Fine light gray lime—Set casing 210 ft.
- 215 Light gray lime mixed with yellow
- 220 Fine light gray
- 225 Light brown—odor of oil
- 230 Fine dark gray lime
- 235 Very fine dark lime—Salt & sulphur with lumps of asphalt oil in water
- 240 Light gray lime
- 245 Light gray lime
- 250 Dark gray lime
- 254 Fine light gray lime
- 259 Fine light gray lime
- 263 Coarse gray lime—Gas and a rainbow
- 265 Coarse gray lime
- 270 Coarse light gray lime. Odor of oil 265-280
- 275 Coarse light gray lime
- 280 Coarse light gray lime
- 285 Dark gray lime
- 290 Dark gray lime
- 295 Dark gray lime
- 300 Fine dark gray lime
- 305 Fine dark gray lime
- 310 Fine light gray lime
- 315 Fine light gray lime
- 320 Fine light gray lime
- 322 Fine dark gray lime
- 325 Dark gray lime
- 330 Dark gray lime
- 335 Dark gray lime
- 340 Dark gray lime
- 345 Very fine light gray lime
- 350 Very fine light gray lime
- 355 Light gray lime
- 360 Light gray lime
- 380 Lime, flint and chert
- 385 Lime, flint and chert. Some gas 385-390
- 390 Lime, flint and chert
- 445 Lime, flint and chert
- 450 Lime, flint and chert
- 455 Lime, flint and chert
- 460 Lime, flint and chert
- 465 Lime, flint and chert
- 470 Lime, flint and chert
- 480 Lime flint, and chert
- 495 Lime, flint and chert

W. W. Newman — W. P. Nichols No. 1

(Continued)

- 497 Green shale
- 510 Black shale
- 520 Dark sandy lime
- 545 Red rock
- 555 Light gray lime
- 565 Dark color lime
- 575 Light gray lime
- 580 Dark gray lime
- 620 Red and green shaley lime
- 625 Dove color with white flakes
- 640 Light gray lime
- 665 Dark shaley lime
- 670 Light shaley lime
- 685 Dark dove c. shaley lime
- 700 Red and green shaley lime
- 725 Green shaley lime
- 735 Brown color shaley lime
- 745 Brown color shaley lime
- 750 Dove color shaley lime
- 760 Dark dove color shaley lime
- 765 Dark dove color shaley lime
- 785 Dark dove color shaley lime
- 790 Dove color shaley lime
- 830 Greenish color shaley lime
- 835 Dark color shaley lime
- 875 Brownish color shaley lime
- 880 Brownish color shaley lime
- 890 Brownish color shaley lime
- 930 Brownish color shaley lime
- 945 Brownish color shaley lime
- 965 Dark with white flakes shaley lime
- 970 Brown with white flakes lime
- 1000 Dark shaley lime
- 1010 Dark shaley lime
- 1022½ Dark shaley lime
- 1030 Brownish shaley lime
- 1045 Brown shaley lime
- 1050 Brown shaley lime
- 1090 Light gray lime
- 1100 Salt and pepper mixed
- 1115 Brown shaley lime
- 1165 Dark shaley lime
- 1195 Dark roten shaley lime
- 1220 Dark roten shaley lime
- 1225 Dark hard lime
- 1270 Dark hard brown lime
- 1290 Light dove color lime

W. W. Newman — W. P. Nichols No. 1

(Continued)

1340	Dark dove color lime
1380	Dark dove color lime
1385	Dark dove color lime
1405	Light, pale greenish lime
1425	Brownish mixed green
1455	Light green lime
1465	Dark brown gritty lime
1490	Light gritty lime
1500	Light brown gritty lime
1515	Light gritty lime
1525	Brown gritty lime
1540	Light brown gritty lime
1555	Light brown gritty lime
1615	Dark brownish lime
1625	Light green lime
1665	Dark green lime
1670	Light green lime
1680	Dark brown lime cap
1685	Fine light brown
1690	Very fine light brown

TOTAL DEPTH 1690'

Remarks.—Listed in Alabama Geological Survey Bulletin 50, "Well logs of Alabama," p. 346. Began in Bangor formation.

W. W. Newman — W. P. Nichols No. 2

State Oil and Gas Board No. 5 (No. 82 on Map)

Location: NW¼ NE¼ Sec. 2, T. 6 S., R. 2 E., Madison County

Elevation: 742'

Began: September 15, 1940

Completed: October 28, 1940

0-	4	Shale
	10	Shale
	15	Shale
	20	Shale and lime mixed
	25	Shaley mixed lime
	40	Light gray lime
	45	Light gray lime
	65	Dark gray lime
	80	Dark gray lime
	90	Light gray lime
	100	Dark gray lime
	105	Dark gray lime
	115	Light gray lime

W. W. Newman — W. P. Nichols No. 2

(Continued)

- 120 Light gray lime mixed shale
- 125 Light green shaley lime
- 130 Green shaley lime
- 140 Dark green shaley lime
- 145 Green shaley lime mixed gray
- 150 Dark gray lime
- 155 Dark gray lime
- 170 Light gray lime
- 185 Dark gray lime
- 200 Dark gray lime
- 205 Light gray lime
- 210 Light gray lime
- 215 Light gray lime
- 220 Dark gray lime
- 225 Dark gray lime
- 230 Light steel gray lime
- 235 Light steel gray lime
- 240 Fine light gray water sand
- 245 Fine dark gray water sand
- 246 Dark gray lime
- 250 Dark gray lime
- 255 Light gray lime
- 260 Light gray lime
- 265 Light gray lime
- 270 Light gray lime
- 280 Fine light gray lime
- 287 Fine light gray lime
- 292 Steel gray lime
- 297 Carmel colored lime
- 302 Brownish col. lime
- 307 Brownish col. lime
- 312 Brownish col. lime
- 317 Light gray lime
- 322 Dark gray lime
- 327 Light steel gray lime
- 332 Light steel gray lime
- 335 Light gray lime
- 340 Dark gray lime with white flakes
- 345 Dark gray lime with white flakes
- 350 Fine dark gray lime
- 355 Light gray lime
- 365 Dark gray lime

TOTAL DEPTH 365'

Remarks.—Listed in Alabama Geological Survey Bulletin 50, "Well logs of Alabama," p. 346. Began in Bangor formation.

W. W. Newman — W. P. Nichols No. 3

State Oil and Gas Board No. 6 (No. 83 on Map)

Location: NE¼ Section 2, T. 6 S., R. 2 E., Madison County

Elevation: 707'

Began: November 1, 1940

Completed: December 1940

0-	15	Yellow mud
	20	Mud and boulders
	25	Dark gray crevice lime
	30	Dark gray crevice lime
	40	Dark gray crevice lime
	55	Dark gray lime
	75	Dark gray lime
	80	Light gray lime
	85	Dark gray lime
	90	Light gray lime
	105	Dark gray shaley lime
	110	Dark gray shaley lime
	115	Dark gray shaley lime
	125	Dark steel gray lime
	130	Dark steel gray lime
	135	Dark steel gray lime
	140	Dark gray lime
	155	Dark gray lime
	160	Shaley dark gray lime
	170	Light steel gray lime
	175	Light steel gray lime
	180	Light gray lime with hard mix
	185	Light gray lime with hard mix
	190	Dark gray lime cut fine
	200	Dark gray lime
	205	Dark gray lime
	210	Fine light gray lime mixed yellow
	215	Dark gray lime
	220	Light gray lime mixed white flakes
	230	Light gray lime mixed white flakes
	239	Light fine water sand
	244	Dark gray lime
	247	Fine light gray
	250	Fine light gray
	255	Dark gray lime
	260	Dark gray lime
	265	Light gray lime
	270	Light gray lime
	274	Dark gray lime
	279	Dark gray lime

TOTAL DEPTH 279'

W. W. Newman — W. P. Nichols No. 3

(Continued)

Remarks.—Listed in Alabama Geological Survey Bulletin 50, "Well logs of Alabama," p. 346. Located 350 feet due south of Nichols No. 1. Began in Bangor formation.

W. W. Newman — W. P. Nichols No. 3-B

(No. 84 on Map)

Location: 750' southwest of Nichols No. 1, Sec. 2, T. 6 S., R. 2 E., Madison County

Elevation: 723'

Began: May 6, 1941

Completed: 1941

- 0- 15 Brown shale
- 20 Dark gray crevicey lime
- 25 Gray lime
- 35 Steel gray lime
- 40 Dark shaley lime
- 45 Light gray lime
- 50 Light gray lime
- 55 Dark gray lime
- 60 Light green shaley lime
- 65 Dark gray lime mixed white flakes
- 70 Dark gray lime mixed white flakes
- 75 Dark steel gray lime
- 80 Dark steel gray lime
- 85 Light gray lime
- 90 Dark gray lime
- 100 Dark gray lime
- 105 Light steel gray lime
- 110 Dark gray lime
- 115 Dark roten shaley lime
- 120 Dark roten shaley lime
- 125 Mixed dark and light shaley lime
- 130 Light blue lime
- 135 Light gray lime
- 140 Light gray lime
- 145 Light gray lime
- 150 Light gray lime
- 155 Light gray lime
- 160 Dark gray lime
- 165 Dark gray lime
- 175 Dark gray lime
- 185 Light gray lime
- 190 Light gray lime
- 200 Light gray lime

W. W. Newman — W. P. Nichols No. 3-B

(Continued)

205	Light gray lime
210	Light gray lime
215	Light gray lime
225	Dark gray lime
230	Dark gray lime
235	Dark gray lime
240	Dark gray lime
245	Dark gray lime
255	Dark gray lime
260	Fine light brown lime
265	Fine light brown lime
270	Dark steel gray lime
275	Dark steel gray lime
285	Fine light brown lime
290	Dark gray lime
295	Light brown lime
300	Dark gray lime
310	Dark gray lime
315	Dark gray lime
325	Dark gray lime
335	Dark gray lime
340	Dark gray lime
350	Dark gray lime

TOTAL DEPTH 350'

Remarks.—Began in Bangor formation.

W. W. Newman — W. P. Nichols No. 4

State Oil and Gas Board No. 8 (No. 85 on Map)

Location: NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 2, T. 6 S., R. 2 E., Madison County

Elevation: 670'

Began: February 27, 1941

Completed: April 26, 1941

0—	5	Clay
	10	Limestone
	15	Limestone
	20	Limestone
	25	Limestone
	30	Limestone
	35	Limestone
	40	Light gray limestone
	45	Dark shaley limestone
	50	Dark shaley limestone
	55	Dark shaley limestone

W. W. Newman — W. P. Nichols No. 4

(Continued)

- 60 Dark shaley limestone
- 65 Dark shaley limestone
- 70 Light gray limestone
- 75 Light gray limestone
- 80 Light gray limestone
- 85 White limestone
- 90 White limestone
- 95 White limestone
- 100 Light gray limestone
- 105 Light gray limestone
- 110 Light gray limestone
- 115 White limestone
- 120 White limestone
- 125 White limestone
- 130 White limestone
- 135 White limestone
- 140 White limestone
- 145 Dark gray limestone
- 150 Limestone
- 155 Limestone
- 160 Limestone
- 165 Limestone
- 170 Limestone
- 175 Limestone
- 180 Limestone
- 185 Limestone
- 190 Limestone
- 195 Limestone
- 200 Limestone
- 205 gray sandy limestone
- 210 Heavy fine limestone
- 212½ Heavy coarse limestone
- 217½ Heavy coarse limestone
- 222½ Brown fine limestone
- 227 Gray coarse limestone
- 232 Gray limestone
- 235 Gray brown limestone
- 245 Gray brown limestone
- 250 Gray limestone
- 255 Light brown limestone
- 260 Light brown
- 270 Dark mixed white specks
- 275 Dark mixed white specks
- 280 Light gray lime very fine
- 285 Light gray lime very fine
- 295 Dark gray lime very fine
- 300 Dark gray lime very fine

W. W. Newman — W. P. Nichols No. 4

(Continued)

305 Light gray lime very fine

TOTAL DEPTH 305'

Remarks.—Listed in Alabama Geological Survey Bulletin 50, "Well logs of Alabama", p. 346.

W. W. Newman — Dunk Hill No. 1

(No. 86 on Map)

Location: Sec. 35, T. 5 S., R. 2 E., Madison County

Elevation: 630'

Began: July 31, 1940

Casing record: $6\frac{1}{4}$ " @ 258'

Completed: September 10, 1940

- 0- 1 Light gray lime
- 10 Light gray lime
- 15 Light gray lime
- 20 Light gray lime
- 25 Dark gray shaley lime
- 30 Dark gray shaley lime
- 35 Dark gray shaley lime
- 40 Dark gray shaley lime
- 45 Dark gray shaley lime
- 50 Light gray shaley lime
- 55 Light gray shaley lime
- 60 Light gray shaley lime
- 65 Light gray shaley lime
- 70 Light gray shaley lime
- 75 Dark shaley mixed lime
- 85 Dark gray lime
- 95 Light gray lime
- 105 Light and dark mixed shaley lime
- 115 Dark gray lime
- 120 Shaley light and dark gray lime
- 125 Fine light and dark mixed lime
- 130 Coarse light and dark mixed lime
- 140 Light gray lime
- 145 Steel gray lime
- 150 Steel gray lime
- 155 Dark gray lime
- 160 Dark gray lime
- 165 Dark gray mixed white flakes
- 170 Dark gray lime
- 175 Dark gray lime
- 180 Dark gray lime
- 185 Dark gray lime
- 190 Light gray lime

W. W. Newman — Dunk Hill No. 1

(Continued)

190½	Light gray lime
191½	Light gray lime
195	Light gray lime
200	Dark gray lime
215	Dark gray lime
235	Dark gray lime
250	Light gray lime
255	Fine light gray lime
275	Dark gray lime
285	Dark gray lime
290	Fine light gray lime
295	Light gray lime
300	Light brown lime
310	Light brown lime
320	Light gray lime
325	Light gray lime

TOTAL DEPTH 325'

E. O. Heath and W. W. Newman — Cambron No. 1

(No. 87 on Map)

Location: SE¼ SE¼ SW¼ Sec. 35, T. 5 S., R. 2 E., Madison County

Elevation: 694'

Began: 1941

Casing record: 6¼" @ 237'

Completed: 1941

0-	15	Clay
	20	Light gray lime
	25	Light sandy
	30	Dark lime
	35	Crivis little water
	40	Light gray lime
	45	Sandy lime
	50	Crivis
	55	Crivis more water and sand
	60	Hard white lime
	65	Crivis and browner
	70	Hard gray lime
	75	More water — green sand
	80	More water — green sand
	85	Green lime and shale
	90	Green and brown mix
	95	Brown hard
	100	Gray and hard
	105	Gray and hard
	110	Gray mix brown
	115	Gray white mix

E. O. Heath and W. W. Newman — Cambron No. 1

(Continued)

- 120 Hard gray lime
- 125 Hard gray lime
- 130 Hard gray lime
- 135 Dark lime
- 140 Gray lime
- 145 Brown hard sand
- 150 Light and gray
- 155 Light and gray
- 160 Harder and gray
- 165 Brown and soft
- 170 Dark blue lime
- 175 Dark and gray
- 180 Brown and light mix
- 185 Gray chert and flint
- 190 Gray mix brown
- 195 Brown lime
- 200 Brown lime
- 205 Dark brown lime
- 210 Dark brown lime
- 215 Oil brown sand
- 220 Oil brown sand
- 225 Brown lime, no oil
- 230 Brown lime, no oil
- 235 Fine light water sand
- 240 Gray lime set 237.6¼ pipe
- 245 Brown lime
- 250 Show of oil—247—250
- 255 Light sand
- 260 Yellow oil sand and show
- 265 Brown lime
- 270 White and brown mix
- 275 Light gray mix. hard
- 280 Hard flint and chert—bottom

TOTAL DEPTH 280'

Remarks.—Offset to Nichols No. 1. Acidized with 1000 gallons muriatic acid

E. O. Heath and W. W. Newman — Cambron No. 2

(No. 88 on Map)

Location: SE¼ SE¼ SW¼ Sec. 35, T. 5 S., R. 2 E., Madison County

Began: October 20, 1941

Completed: 1941

- 0- 20 Dirt
- 25 Lime & crevice
- 30 Crevice & fresh water

E. O. Heath and W. W. Newman — Cambron No. 2

(Continued)

- 35 Crevice & fresh water
- 40 Hard gray lime
- 45 Brown lime
- 50 Harder brown and gray mix.
- 55 Gray sandy lime
- 60 Gray and blue mix.
- 65 Blue and green mix.
- 70 Blue lime, soft
- 75 Hard and gray
- 80 Hard and gray lime
- 85 Gray and blue mix hard
- 90 Brown lime
- 95 Brown lime
- 100 Brown sandy lime
- 105 Light hard lime
- 110 Light hard lime
- 115 Dark lime
- 120 Light gray lime
- 125 Hard gray lime
- 130 Brown lime
- 135 Brown lime
- 140 Light gray hard
- 150 Light gray lime
- 155 Light gray hard lime
- 160 Dark brown, top St. Louis
- 165 Flint and lime mix.
- 170 Dark lime
- 175 Harder lime
- 180 Dark lime
- 185 Dark lime
- 190 Dark lime
- 195 Fine hard lime or sand
- 200 Hard fine lime darker sand
- 205 Lighter fine sand hard
- 210 Fine sand darker
- 215 Fine water sand
- 220 Fine dark sand
- 225 Fine gray lime
- 230 Coarse and darker lime
- 235 Coarse and darker lime
- 240 Fine brown sand
- 245 Fine and brown
- 250 Gray lime
- 255 Gray lime
- 260 Brown lime hard
- 265 Dark lime
- 270 Light gray lime
- TOTAL DEPTH 270'

W. W. Newman — Nebo No. 1

(No. 89 on Map)

Location: SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 32, T. 5 S., R. 3 E., Madison County

Elevation: 624'

Began: May 25, 1944

Casing record: 6 $\frac{1}{4}$ " @ 300 $\pm$

Completed: July 20, 1944

- 0- 25 Light steel gray lime
- 40 Light steel gray lime
- 45 Dark steel gray lime
- 60 Dark steel gray lime
- 70 Light steel gray lime
- 85 Shaley dark steel gray lime
- 95 Light steel gray lime
- 100 Light steel gray lime
- 105 Dark shaley lime
- 120 Light brown lime
- 125 Light brown lime
- 130 Mixed brown with blue shale
- 135 Blue rotten shaley lime
- 140 Fine blue soft lime
- 145 Dark brown mixed green shale
- 155 Light brown lime
- 160 Dark gray lime
- 165 Light gray lime
- 175 Light gray lime
- 185 Light gray mixed dark blue
- 195 Light gray lime
- 215 Light gray lime
- 220 Dark gray lime
- 225 Very dark gray lime
- 230 Light gray lime
- 235 Very fine gray lime
- 240 Light gray lime, coarse cut
- 245 Dark gray lime
- 265 Light brown lime
- 280 Light brown lime
- 290 Dark gray lime
- 295 Light brown lime
- 300 Light brown lime
- 320 Light brown lime
- 325 Light gray mixed flint
- 335 Light gray mixed flint
- 345 Light steel gray lime
- 355 Dark steel gray lime
- 360 Dark steel gray lime
- 365 Salt and pepper mixed
- 375 Light gray lime
- 395 Light steel gray lime
- 410 Light steel gray lime

W. W. Newman — Nebo No. 1

(Continued)

- 420 Light steel gray mixed flint
- 430 Light steel gray mixed flint
- 435 Light steel gray mixed flint
- 445 Light gray mixed brown
- 455 Light gray mixed brown
- 460 Light gray mixed brown coarse chips
- 465 Light gray mixed brown
- 470 Dark gray mixed lime and flint
- 490 Dark gray mixed lime and flint
- 503 Dark gray mixed lime and flint
- 505 Light gray lime and flint
- 510 Light gray lime and flint
- 520 Light gray lime
- 530 Dark gray lime mixed green & flint
- 535 Dark gray lime mixed green & flint
- 538 Brown sand
- 540 Green shale
- 555 Black shale
- 560 Rotten lime with pyrites
- 565 Rotten lime with pyrites
- 570 Rotten lime with pyrites
- 580 Pink mixed with blue
- 590 Red rock
- 600 Red rock

TOTAL DEPTH 600'

Remarks.—St. Louis at 177', green shale at 538-540', Chattanooga black shale at 540-555'.

Frederic F. Mellen & Paul Thompson — Baldrige No. 1

State Oil & Gas Board No. 12 (No. 90 on Map)

Located: NE $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 8, T. 1 S., R. 1 E., Madison County

Elevation: 730'

Began: August 12, 1941

Casing record: 8 $\frac{1}{4}$ " @ 14'
6 $\frac{5}{8}$ " @ 316'

Completed: September 12, 1941

- 0- 11 Surface
- 14 Gravel
- 19 Gray lime
- 55 Blue lime
- 75 Green shaly lime
- 102 Gray lime
- 125 Gray shaly lime
- 168 Dark gray lime
- 195 Blue shaly lime

Frederic F. Mellen & Paul Thompson — Baldridge No. 1

(Continued)

250	Dark gray lime
275	Brown lime
285	Water sand—sulphur
297	Brown lime
301	Green shale
355	Dark gray lime
377	Brown lime
417	Light brown lime
450	Gray brown lime
468	Gray lime
474	Brown lime
500	Gray lime
522	Gray brown lime
	(Show gas 509-515)
605	Brown lime
624	Gray lime
654	Brown lime
666	Gray lime
712	Gray shaly lime
771	Brown lime, very hard
907	Gray lime
995	Dark gray lime
1100	Light gray lime
1156	Green lime
1168	Light brown lime
1172	Sand, white—St. Peter—salt, water, rose about 100 feet in well.

TOTAL DEPTH 1172'

Hazel Green Oil & Gas Co. — W. L. Hill No. 1

(No. 91 on Map)

Located: NW¼ NW¼ SE¼ sec. 8, T. 1 S., R. 1 E., Madison County

Elevation: 154'

Began:

Casing record:

Completed:

0-	1.5	Soil
	3.5	Maury green shale
	9.5	Chattanooga shale
	10	Sandstone
	30	Gray lime
	45	Gray and pink lime
	65	Light pink lime
	70	Pink fresh water sand
	75	Pink mixed little darker limestone
	85	Blue shaly limestone
	90	Black gritty limestone
	105	Dark shaly limestone

Hazel Green Oil & Gas Co. — W. L. Hill No. 1

(Continued)

- 110 Dark gray shaly limestone
- 130 Red and gray limestone
- 153 Light gray limestone
- 160 Dark gray limestone
- 165 Black mixed with light granular limestone
- 170 Fine gray sandy limestone
- 210 Light-gray and dark mixed limestone (Gas at 199')
- 215 Very dark limestone
- 230 Blue and gray limestone
- 240 Drab or dove limestone
- 255 Blue limestone
- 265 Dark and brown limestone
- 270 Gray limestone
- 295 Dark and brown limestone
- 300 Gray and brown mixed limestone
- 315 Brown limestone
- 320 Black with white specks—limestone
- 330 Brown limestone
- 335 Dark-gray limestone
- 340 Dark shaly limestone
- 345 Dark shaly gritty limestone (Pencil Cave at 345 ft.)
- 350 Dark-gray sandy limestone
- 355 Dark-gray gritty limestone
- 360 Gray with white specks—limestone
- 365 Gray shaly limestone
- 380 Gray with white specks—limestone
- 385 Dark gritty limestone (cuts hard)
- 400 Black shaly gritty limestone
- 415 Drab and dark-gray limestone
- 450 Gray with white flakes—limestone
- 455 Drab shelly limestone
- 460 Dark-drab limestone
(Gas—35,000 cu. ft. after 48 hours open flow)
- 560 Gray mixed limestone
- 565 Drab limestone
- 585 Light-drab limestone
- 645 Dark-drab mixed white flakes—limestone
- 660 Dark-drab limestone
- 665 Dark shelly limestone
- 690 Light-drab limestone
- 695 Black gritty limestone
- 705 Dark-drab limestone
- 710 Light-drab limestone
- 745 Dark-gray with white limestone
- 770 Gray limestone
- 775 Dark-drab sandy limestone (Gas at 770 to 775 ft.)
- 800 Dark shaly white flakes—limestone

Hazel Green Oil & Gas Co. — W. L. Hill No. 1

(Continued)

- 830 Dark mixed drab limestone
- 860 Dark-drab, white specks—limestone
- 1215 Dark-drab limestone
- 1245 Light-brown sand (Salt water at 1240 ft. with a small show of oil and gas)

TOTAL DEPTH 1245'

MARENGO COUNTY

J. L. Spier et al — Jordan No. 1

State Oil and Gas Board No. 19 (No. 93 on Map)

Located: SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 23, T. 14 N., R. 1 E., Marengo County

Elevation: 165'

Began: December 22, 1942

Casing record: 10 $\frac{3}{4}$ " @ 100'

Completed: April 10, 1943

0-	105	Surface clay and sand lignite coal
	130	Lignite coal
	590	Shale and boulders
	633	Selma chalk
	1427	Chalk streaked with gumbo
	1570	Hard chalk
	1584	Sand
	1585	Rock
	1650	Sand
	1705	Sand, streaked with shale
	1706	Hard sand
	1800	Sand
	1810	Shale
	1860	Sand
	1910	Sand, with hard streaks
	1945	Sandy shale
	1975	Hard shale with P. iron
	2128	Hard shale with sticky streaks
	2194	Red shale and boulders
	2215	Sticky shale
	2312	Hard shale and P. iron
	2408	Hard shale (red) & P. iron
	2510	Hard shale (red) & streaks of rock
	2541	Red shale rock, hard
	2550	Hard red shale
	2669	Sandy shale
	2883	Sandy shale hard streaks
	3006	Sandy shale streaks of hard rock
	3096	Sandy shale P. iron
	3282	Sandy shale hard streaks
	3460	Sandy shale hard
	3490	Hard shale, broken streaks
	3500	Shale
	3505	Hard shale
	3578	Shale and sand

TOTAL DEPTH 3578'

Remarks.—Schlumberger total depth 3578 feet.

E. C. Johnston — H. D. Peteet No. 1

State Oil and Gas Board No. 44 (No. 94 on Map)

Located: SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 3, T. 16 N., R. 2 E., Marengo County, Alabama

Elevation: 247'

Began: April 14, 1944

Casing Record:

Completed: May 25, 1944

- 0- 41 Chalk
- 280 Sand, lime and shale
- 790 Chalk
- 973 Chalk
- 991 Core No. 1—Sand and shale
- 1168 Sand and shale
- 1180 Sand
- 1323 Sand and shale
- 1333 Sand
- 1351 Core No. 2
- 1445 Sandy shale and rock
- 1465 Shale and soft sand
- 1515 Sand and shells hard
- 1549 Red bed shale
- 1553 Sandy shale
- 1568 Core No. 3—Sand and shale
- 1770 Water sand soft
- 1781 Hard shale
- 1783 Sand soft
- 1873 Sand and shale
- 1891 Core No. 4
- 1905 Sand shale
- 2110 Sandy shale with gummy streaks
- 2257 Sand streaks
- 2260 Red and brown shale—Rock-gray hard
- 2266 Sand and shale
- 2284 Core No. 5
- 2460 Sand and shale
- 2490 Gummy shale and rock
- 2505 Core No. 6
- 2520 Sand—water
- 2526 Shale—hard
- 2559 Sandy shale
- 2635 Red shale and sand
- 2647 Pink shale
- 2650 Sand
- 2665 Core No. 7—Sand
- 2670 Sand
- 2685 Sandy shale and shells
- 2689 Shells—hard
- 2750 Red and gray sandy shale
- 2775 Red shale
- 2840 Sandy shale

E. C. Johnston — H. D. Peteet No. 1

(Continued)

2875 Red shale
2975 Red gummy shale
3005 Red and gray shale
3040 Red shale
3095 Red and blue sandy shale
3105 Sand
3126 Core No. 8—Brown and gray sand
3260 Red sand
3300 Sandy shale
3318 Core No. 9
3357 Sand and red and gray shale
3360 Sand
3378 Core No. 10
3411 Sand and shale
3412 Sand
3420 Sand and gravel
3430 Red and gray shale
3440 Gray lime
3443 Core No. 11
3460 Sandy shale
3563 Sandy shale with gummy streaks
3621 Red and gray sandy shale with lime streaks
3707 Sand lime and gravel
3759 Red gray sandy shale with streaks of lime
3790 Sand—pea gravel and blue shale—soft
3807 Red shale and lime hard
3815 Sand and shale soft
3840 Sand
3865 Sand and shale
3872 Sand and lime
3901 Lime
3919 Hard gray lime
3920 Hard lime
3927 Core No. 12
3929 Hard gray lime
3961 Lime
3985 Hard lime
4004 Hard gray lime
4025 Hard lime
4084 Hard gray lime
4109 Hard lime
4192 Hard gray lime
4209 Core No. 13
4281 Hard gray lime
4291 Core No. 14
4297 Hard lime
4494 Hard lime—gray

E. C. Johnston — H. D. Peteet No. 1

(Continued)

4497 Broken lime
4511 Lime gray
4522 Lime
4523 Core No. 15—Lime

TOTAL DEPTH 4523'

SUMMARY

Top Eutaw 975
Top Tuscaloosa 1485
Top Marine Tuscaloosa 1810
Top Massive sand 3030
Top Lower Cretaceous 3285

Remarks.—Schlumberger run at depth of 3929 feet. Driller's total depth 4523 feet in dense black lime (Paleozoic).

A. W. Hutchings Drilling Company — Mary Wadlington, et al No. 1

State Oil and Gas Board No. 85 (No. 95 on Map)

Location: SW¼ NE¼ Sec. 18, T. 12 N., R. 1 E., Marengo County

Elevation: 180'

Began: May 14, 1945

Casing record: 10¾" @ 220'

Completed: May 28, 1945

0- 100 Surface sand
157 Sand
300 Shale and sand
400 Shale
640 Shale and sand
1405 Sand and shale
1491 Soft chalk
1770 Shale
1855 Black shale
1930 Soft chalk
2245 Black shale
2280 Shale
2290 Sand

CORRECTED DEPTH 2290 equals 2280'

2561 Sand with shale streaks
2645 Shale
2650 Sand
2656 (Cored) sand
2660 Sand
2806 Shale and sand
3095 Shale and sand
3245 Sand with streaks shale

A. W. Hutchings Drilling Company — Mary Wadlington, et al No. 1

(Continued)

3247 Hard lime
3255 Sand and shale
3420 Shale and sand
3485 Sand and shale
3503 Cored—Sand and shale
3820 Shale and sand
4007 Shale and shale
4020 Chert, sand and lime
4230 Limestone, sand and gravel

TOTAL DEPTH 4230'

SUMMARY

Top Midway 864
Top Chalk 1194
Top Eutaw 2253
Top Tuscaloosa 2560
Top Massive sand 3522
Lower Cretaceous 4000-4230 T.D.

MARSHALL COUNTY

W. W. Newman — J. R. Whitaker No. 1

(No. 96 on Map)

Location: Cen. W½ of sec. 3, T. 7 S., R. 3 E., Marshall County

Elevation: 626'

Began: July 1943

Casing record: 6¼" @ 386'

Completed: October 5, 1943

- 0- 18 Soil and clay
- 25 Crevices
- 30 Dark blue lime
- 35 Dark blue lime
- 40 Dark blue lime
- 60 Dark steel gray lime
- 75 Dark steel gray lime
- 80 Light gray lime
- 105 Black sandy lime
- 110 Dark brown lime
- 125 Dark brown shaley lime
- 135 Dark brown lime
- 140 Dark gray shaley lime
- 150 Light gray lime
- 155 Dark gray lime
- 170 Dark gray lime
- 175 Light gray lime
- 190 Light gray lime
- 200 Dark gray lime
- 210 Dark gray lime
- 215 Dark gray shaley lime
- 220 Light gray shaley lime
- 225 Dark gray shaley lime
- 230 Dark gray shaley lime
- 245 Light steel gray lime
- 255 Light steel gray lime
- 275 Light steel gray lime
- 285 Dark gray lime
- 290 Light gray lime
- 295 Light gray lime
- 300 Light gray sandy lime
- 305 Light gray sandy lime
- 310 Light gray sandy lime
- 315 Light gray sandy lime
- 320 Light grayish brown with white flakes
- 325 Gray lime with white flakes
- 330 Dark gray with bluish
- 340 Light brown mixed bluish lime
- 345 Light brown mixed bluish lime
- 350 Light gray lime
- 355 Very light gray lime

W. W. Newman — J. R. Whitaker No. 1

(Continued)

- 360 Caramel col. lime
- 365 Light gray with white flakes
- 375 Dark gray lime
- 380 Dark gray lime
- 385 Light gray lime
- 395 Light gray lime
- 405 Light brown lime
- 410 Very light brown
- 415 Very light brown—odor of oil
- 420 Steel gray lime
- 425 Steel gray lime
- 430 Light gray lime
- 440 Dark gray lime
- 445 Light gray lime
- 460 Light gray lime
- 465 Dark gray lime
- 475 Dark gray lime
- 480 Dark steel gray lime
- 490 Dark steel gray lime
- 495 Dark steel gray lime
- 500 Dark steel gray lime
- 505 Dark brown lime
- 510 Dark gray lime
- 530 Light gray lime
- 540 Light gray lime
- 555 Dark gray lime
- 560 Dark gray lime
- 570 Light gray lime
- 575 Light gray lime
- 580 Light gray lime and flint
- 585 Light brown lime and flint
- 595 Light gray lime and flint
- 600 Light gray lime and flint
- 605 Dark gray lime and flint
- 610 Dark gray lime and flint
- 625 Light gray lime and flint
- 640 Light gray lime and flint
- 650 Dark gray lime and flint
- 655 Dark gray lime and flint
- 665 Dark gray lime and flint
- 670 Dark gray lime and flint
- 675 Light gray lime and flint
- 690 Dark gray lime and flint
- 700 Dark gray lime and flint
- 705 Dark gray lime and flint
- 710 Light gray water sand
- 715 Light gray water sand

W. W. Newman — J. R. Whitaker No. 1

(Continued)

- 730 Light gray water sand
- 732 Light gray sandy
- 742 Black shale
- 745 Black shale
- 755 Dark sandy lime
- 760 Brown and black
- 770 Brown lime
- 775 Brown lime
- 795 Dark colored lime, very rotten

TOTAL DEPTH 795'

SUMMARY

Bangor 18-200
Sandy shale 200-230
Gasper 230-360
St. Louis 360-570
Ft. Payne 570-732
Chattanooga 732-745
Silurian 745-795 T.D.

Remarks.—Began in Bangor formation. Total depth 795 feet, in Silurian.

MOBILE COUNTY

Charles M. Sykes — J. A. Stafford No. 1

State Oil and Gas Board No. 61 (No. 97 on Map)

Located: NW¼ NE¼ sec. 24, T. 7 S., R. 3 W., Mobile County

Elevation: 131'

Began: July 26, 1944

Casing record: 10¾" @ 550'

Completed: August 12, 1944

0- 550 Sand & gravel
600 Shale
1200 Sand and shale
1400 Sand
1500 Shale
1700 Sand and shale streaks
2000 Shale
2300 Shale and sand streaks
2600 Sand and shale
2800 Sand
3000 Shale
3500 Sand and shale
4500 Shale and lime
4575 Lime and sand streaks
4650 Sand and lime
4700 Shale and lime
4744 Sand

TOTAL DEPTH 4744'

Remarks.—Schlumberger total depth 4742 feet.

E. T. Daly — Fort No. 1

(No. 98 on Map)

Located: Center of SE¼ SE¼ sec. 2, T. 6 S., R. 4 W., Mobile County

Elevation: 98.5'

Began: 1940

Casing record:

Completed: 1940

0- 60 Sand
134 Sand
179 Gravel and streaks of shale
399 Sand w/shale streaks
459 Sand and gravel
802 Broken sand, gravel, shale
1223 Sand, gravel, shell with streaks shale
1335 Broken sand, shale, shells
1410 Sand
1630 Broken sand, shale, shells
1650 Shale, sand
1709 Shells

E. T. Daly — Fort No. 1

(Continued)

1730	Lime soft
1790	Shells and sand
1850	Soft shale
2000	Sand soft
2030	Shale
2053	Shale
2095	Shale and shells
2107	Hard sand and lime
2120	Hard sand
2175	Shale
2220	Hard sand and lime
2240	Chalk and sand
2325	Sand
2435	Broken chalk, sand and lime
2521	Broken lime
2630	Broken lime and sand
2690	Hard lime and streaks of sticky shale
2745	Hard lime
2760	Sand and lime
2790	Sand, shale and lime
3008	Sandy lime
3036	Broken lime and shale
3040	Sand and lime
3056	Shale
3177	Sand, lime and shale
3188	Limey chalk
3240	Sandy lime, shale
3285	Sand and shale
3387	Sandy shale and lime streaks
3550	Sandy shale, lime streaks
3571	Shale
3682	Sand and lime
3780	Sandy shale and lime
3946	Shale
4032	Shale and sandy shale
4142	Shale and sandy shale
4210	Shale and sandy broken
4215	Hard lime
4217	Hard lime
4290	Sticky shale
4297	Sandy shale
4317	Shale w/streaks of sand cored
4407	Sand and shale
4423	Sandy shale
4442	Sticky shale
4455	Sandy shale
4466	Hard sandy shale

E. T. Daly — Fort No. 1

(Continued)

4484	Sand and shale
4491	Sandy shale
4495	Soft sand
4500	Shale
4502	Sand
4504	Hard shale
4534	Shale, streaks sand
4546	Sandy shale
4563	Hard sandy shale
4702	Sandy shale, streaks of sand
4704	Hard lime
4821	Broken lime and shale
4836	Sand and shale
4840	Sand and shale
4847	Lime
4993	Sandy shale, streaks lime
5000	Sandy shale
5006	Lime
5195	Shale and sandy lime
5320	Broken shale and lime
5335	Shale and lime
5385	Shale
5416	Shale and lime
5464	Shale and lime
5471	Hard shale
5493	Shale
5500	Shale
5540	Shale and lime
5565	Shale
5607	Shale and lime
5625	Shale and sand streaks
5658	Shale
5752	Shale and sandy shale
5800	Shale and sandy shale
5827	Hard shale
5899	Hard shale and lime
5960	Chalk
6010	Chalk
6033	Chalk
6100	Broken chalk and shale
6105	Chalk
6135	Black shale and chalk
6160	Hard shale
6180	Hard shale
6240	Broken chalk and shale
6320	Hard shale and chalk
6377	Hard shale and streaks of chalk

E. T. Daly — Fort No. 1

(Continued)

6410 Hard shale and chalk

6496 Hard shale and chalk

6518 Chalk and shale

TOTAL DEPTH 6518'

Remarks.—Listed in Alabama Geological Survey Bulletin 50, "Well logs of Alabama," p. 356.

MONROE COUNTY

James L. Duffy — W. S. Moore Estate No. 1

State Oil and Gas Board No. 23 (No. 99 on Map)

Located: SE¼ SE¼ sec. 28, T. 7 N., R. 5 E., Monroe County, Alabama

Elevation: 75'

Began: June 25, 1943

Casing record: 10¾" @ 292'

Completed: August 4, 1943

0-	35	Clay and sand
	110	Sand and gravel
	155	Sand and gravel
	210	Shale
	401	Shale and shells
	495	Shale and shells
	700	Shale and shells
	1163	Shale and sand
	1228	Broken chalk
	1546	Shale and shells
	1830	Shale and shells
	2057	Shale and shells
	2206	Shale
	2256	Broken chalk
	2290	Hard chalk
	2385	Broken chalk
	2493	Chalk
	2561	Chalk
	2690	Chalk
	2865	Broken chalk
	3050	Broken chalk
	3247	Broken chalk
	3340	Broken chalk
	3416	Sand
	3633	Broken shale and sand
	3786	Sandy shale and streaks of sand
	3816	Sandy shale
	3960	Sandy shale
	4118	Red beds
	4260	Shale and sand
	4292	Shale with streaks of lime
	4335	Shale and shells
	4360	Shale and shells
	4458	Shale and hard sand
	4488	Sandy lime and shale
	4582	Hard shale
	4694	Sand
	4918	Sand and shale
	5011	Shale and lime streaks
	5021	Shale
	5074	Shale

James L. Duffy — W. S. Moore Estate No. 1

(Continued)

5166	Sand
5196	Shale
5266	Shale and sand streaks
5346	Shale and sand
5375	Red beds
5425	Red beds with sand streaks
5451	Shale
5546	Shale and sand
5560	Sand
5562	Shale

TOTAL DEPTH 5562'

SUMMARY

Top Tallahatta	420
Top Midway	1648
Top Clayton	2148
Top Selma	2197
Top Eutaw	3372
Top Tuscaloosa	3990
Top Marine Tuscaloosa	4384 or 4433'
Top Massive sand	4560
Lower Cretaceous (?)	5000

Remarks.—Schlumberger total depth 5553 feet. Side wall cores at 346, 3422, 3510, 3803, 4575, 5076.

MORGAN COUNTY

F. W. Rohwer — Karl Hough Well No. 1

State Oil and Gas Board No. 1 (No. 100 on Map)

Located: NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 2, T. 6 S., R. 1 W., Morgan County

Elevation: 660'

Began: August 29, 1940

Casing Record: 8 $\frac{1}{4}$ " @ 132'

Completed: October 7, 1940

6 $\frac{1}{4}$ " @ 285'

- 0- 18 Red sandy clay
23 Limestone boulder with 8" crack
36 Red sandy clay
45 Limestone, gray—hole partly in clay filled crevice
50 Limestone, dove colored—hole partly in open dry crevice
55 Limestone, dove colored—hole partly in wet mud filled crevice
60 Limestone, gray—hole partly in wet mud filled crevice
75 Limestone, light gray with some dark gray mixed
80 Limestone, cream colored St. Genevieve (?)
99 Limestone, light gray
Fresh water, rose 19 feet in hole
130 Limestone, gray
140 Limestone, buff colored
145 Limestone, gray
150 Limestone, buff, hard
170 Limestone, buff and gray
185 Limestone, very light gray
200 Limestone, gray
205 Limestone, light gray, very hard
210 Limestone, brown gray, soft
213 Limestone, gray, hard
216 Limestone, gray, soft—fresh water (insufficient for drilling)
219 Limestone, gray, medium hard
220 Limestone, gray, hard
230 Limestone, dark gray, soft, a little water with slight sulphur content
(still insufficient for drilling)
235 Limestone, dark gray
245 Limestone, dark gray, hard
250 Limestone, gray, medium hard
265 Limestone, dark gray, hard
270 Limestone, and chert, light gray and brown, very hard
267 Water, slightly sulphurous, slowly rose 120 feet—carried a few tiny rainbows and had a faint odor of oil when first bailed
275 Limestone, light gray with chert, very hard
285 Limestone, light gray with chert, very hard, faint oil smell in cuttings and weak gas bubbles in sample pail, no rainbow
290 Limestone and chert, light gray, very hard
295 Very fine, light gray water sand
290 Water—slightly salty, noticeable sulphur smell, no slightest oil or gas shows 6 $\frac{1}{4}$ " casing pulled, hole reamed to 8 $\frac{1}{4}$ " from 285 to 295

F. W. Rohwer — Karl Hough Well No. 1

(Continued)

- 301½ Limestone, very light gray, with chert, very hard
310 Limestone, very light gray, with chert (blue), hard
320 Limestone, very light gray with blue and red chert very hard
335 Limestone, light dove colored, with chert, very hard
345 Limestone, very light gray, with chert, very hard
365 Limestone, and chert, gray, very hard—slight odor of gas—no show in bailer
368 Chert, very very hard
372 Limestone and chert, dark gray, very hard
383 Limestone, sandy, dark gray, medium hard
Water slightly sulphurous, quickly rose 230 feet in hole
385 Limestone and chert, gray, very hard
390 Limestone and chert, dark gray, very very hard
410 Limestone and chert, gray, very hard
415 Limestone and chert, gray, hard
421 Limestone and chert, light greenish gray, hard
425 Limestone and chert, light gray, hard
427 Shale, green, soft
Gas bubbles in bailer and decided fetid odor—no rainbow
435 **Black shale—Chattanooga**
440 **Black sandy shale**
445 Limestone, bluish gray, medium hard
455 Limestone, very dark gray, soft
465 Limestone, gray
470 Limestone, dark gray, with some mixed light gray, medium hard
475 Limestone, dark gray, hard
480 Limestone, dark gray, medium
500 Limestone, light greenish gray
510 Limestone, light greenish gray with some white, soft
515 Limestone, bluish green and white
520 Red and green shaly limestone—makes very red mud
525 Reddish gray and gray limestone
535 Limestone, gray, hard
540 Limestone, light greenish gray
550 Limestone, gray with some light gray and a few pieces of bright green rock

TOTAL DEPTH 550'

Remarks.—Karl Hough No. 1-A began drilling August 29, 1940, and No. 1-B began September 2, 1940. Listed in Alabama Geological Survey Bulletin 50, "Well logs of Alabama," p. 349.

Bob Burch Company, Inc. — J. P. Rowe No. 1

State Oil and Gas Board No. 43 (No. 101 on Map)

Located: SW cor. SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 1, T. 8 S., R. 4 W, Morgan County, Alabama

Elevation: 600'

Began: May 28, 1943

Casing record:

Completed: July 1945

0-	12	Soil—brown
	20	Blue lime
	35	Water sand, HFW
	85	Gray lime
	90	Blue shale
	105	Gray lime
	115	Sand, white
	125	Gray lime
	148	Water sand, HFW
	150	Blue shale
	170	Water sand
	210	Sandy shale
	220	Gray lime
	260	Blue shale
	270	Sandy lime
	274	Green shale
	295	Sandy lime
	325	Gray lime
	348	Blue lime
	350	Hard sand—Gas showing—Heavy oil
	356	Hard sand—Show of oil
	370	Gray lime
	420	Gray lime—Gas show at 420 feet
	430	Hard sandy lime
	450	Hard gray lime
	470	Hard gray sand
	485	Sandy lime
	505	Sand—Showing gas at 495 feet
	510	Hard lime cap—Show light oil at 510-512 feet
	554	Dark gray sand
	570	Dark gray lime, hard and soft streaks—Total depth 12-28-43
	605	Broken sand
	620	Gray lime, hard
	685	Blue sand
	717	Sandy lime, gray
	742	Blue sand
	750	Green lime (Top of Devonian—Gas & oil show)
	757	Black shale
	800	Broken brownish gray lime—Showing gas and rainbow of light oil at 775 feet
	810	Blue sand lime
	825	Blue lime

Bob Burch Company, Inc. — J. P. Rowe No. 1

(Continued)

863	Black shale—Showing oil
958	Dark blue shale
970	Gray sandy lime
984	Dark sandy lime
1002	Dark sandy lime
1008	Sand, dark
1042	Gray lime
1045	Sand
1055	Blue lime
1061	Blue sand
1080	Sandy lime
1189	Blue lime
1217	Gray lime
1320	Gray sandy lime—More gas show
1331	Blue shale
1348	Lime, streaks of white
1415	Gray sand, hard
1450	Gray lime
1510	Blue lime
1535	Hard gray lime
1544	Dark lime, broken with streaks of green
1559	Sandy lime
1565	Blue lime
1585	Gray lime, hard
1632	White sand, hard
1677	Gray sandy lime
1686	White sand
1696	Gray lime
1715	White sand
1724	Fine white sand
1734	Fine white sand
1740	Fine white sand, extra hard
1744	Hard white sand
1748	Light bluish white sand—Gas
1750	Light brown sand—Oil show
1753	Light blue sand fine—Oil show

Corrected Depth by S.L.M.—August 21, 1944. Scaled back 44 feet

1680	Fine white sand
1690	Fine white sand
1696	Fine white sand, very hard
1700	Hard white sand
1704	Light bluish white sand—Gas
1706	Light brown sand—Oil
1710	Light blue fine sand—Oil
1711	Blue sand hard—Cap.
1712	Hard blue and gray sand—Cap. Oil and gas

Bob Burch Company, Inc. — J. P. Rowe No. 1

(Continued)

- 1715 Light gray sand w/bluish tinge, hard—Oil
- 1720 Gray sand, soft—Oil and gas
- 1724 Blue lime mixed with gray and lime mixed
- 1734 Light blue sand lime
- 1736 Light blue shale
- 1740 Blue sandy shale, soft w/lime seams or shells
- 1744 Dark blue sand—Gas
- 1747 Hard brown lime cap
- 1748 Brown sandy lime hard
- 1752 Light brownish gray sand
- 1755 Light brownish gray sand
- 1759 Hard light brown sand (cap. gas)
- 1760 Brown dolomitic sand
- 1762 Shows light oil stain
- 1763 Gray sand soft
- 1765 Gray sand, some fragments of black lime and tinges of clear calcitic lime crystals (denotes capping)
- 1765 Hard brown and gray sand
- 1767 Soft brown gray sand w/streaks of hard paraffine of calcite
- 1768 Hard brown sand shows gas on slush scallafa bit
- 1769 Hard brown sand (pure) gas
- 1770 Gray lime
- 1771 Hard gray sand with specks of black carbon
- 1776 Hard brown sand shows oil
- 1789 Dark gray sand shows oil
- 1792 Light gray sand shows oil and gas
- 1799 Pearl gray sand shows gas
- 1803 Fine grained white powdery lime
- 1808 Fine gray sand shows gas
- 1819 Gray sandy lime
- 1827 Hard gray crystalized lime (sandy)

TOTAL DEPTH 1827'

Remarks.—Deepened by L. and S. Drilling Company to a total depth of $\pm$ 2200 feet, May to July, 1945.

SUMTER COUNTY

B. W. Bates — Belmont No. 1

(No. 102 on Map)

Located: Sec. 3, T. 18, R. 1 E., Sumter County

Elevation:

Began: January 24, 1928

Casing record:

Completed: April, 1928

- 0- 5 Mixture of sand and clay Ripley
400 Lime rock—Selma chalk
440 Blackish mineral—Unknown
550 Lime rock—Selma chalk
570 Sand—Eutaw
610 Blue Gumbo—Eutaw
630 Gray sand with little water—Eutaw
645 Blue gumbo
648 Blue marl
650 Flint sand rock
655 Gray sand with gas and streaks of light greenish oil.
Stopped to set casing.

TOTAL DEPTH 655'

Remarks.—Listed in Alabama Geological Survey Bulletin 50, "Well logs of Alabama," p. 353.

B. W. Bates — Belmont No. 2

(No. 103 on Map)

Located: SE¼ SE¼ sec. 3, T. 18 N., R. 1 E., Sumter County

Elevation:

Began: April, 1928

Casing record:

Completed: 1928?

- 0- 5 Sand and clay (Ripley)
400 Chalk (Selma)
440 Blackish mineral (Unknown)
550 Chalk
570 Sand (Eutaw)
610 Blue gumbo
630 Gray sand, little water
645 Blue gumbo
648 Blue marl
650 Flint sand rock
655 Gray sand with streaks of light greenish oil and gas
780 Blue marl
867 Sand
Oil show at 860'

PART LOG

TOTAL DEPTH 1030'

Remarks.—Listed in Alabama Geological Survey Bulletin 50, "Well logs of Alabama," p. 353.

TUSCALOOSA COUNTY

Stanolind Oil & Gas Company — G. B. Sandel No. 1

(No. 105 on Map)

Located: SE¼ NW¼ of Sec. 2, T. 18 S., R. 9 W., Tuscaloosa County, Alabama

Elevation: 600'

Began: April 2, 1943

Casing record: 10¾" @ 908'

Completed: July 13, 1943

0-	15	Sand and Clay
	43	Sand and clay
	68	Shale and shells
	70	Coal Seam
	194	Shale and lime
	210	Sand and lime (hard)
	220	Coal Seam
	245	Lime
	335	Sandy lime (hard)
	348	Sandy shale
	375	Lime and hard sand
	428	Sandy shale and lime
	435	Sandy shale
	533	Sandy lime and shale
	590	Sandy shale
	620	Lime and shale
	655	Sandy shale
	680	Lime and shale
	727	Sandy lime
	790	Sandy shale
	922	Sandy lime
	1033	Sandy shale (hard)
	1083	Sandy lime
	1085	Trace of coal
	1200	Sandy lime
	1360	Sandy shale
	1370	Coal seam
	1660	Sandy shale
	1685	Shale and sand
	1705	Lime and shale
	1721	Sand
	1740	Sand (Hard)
	1753	Shale
	1756	Coal seam
	1759	Sharp sand
	1790	Shale
	1901	Sand and shale
	1958	Shale
	1959	Sand and shale
	1965	Sand (hard)

Stanolind Oil & Gas Company — G. B. Sandel No. 1

(Continued)

1981	Sandy shale
1991	Sand and shale
2020	Sand and lime
2043	Shale and sand
2053	Lime and shale
2055	Shale
2056	Coal seam
2063	Shale
2065	Lime and shale
2078	Sand
2100	Sand and lime
2105	Sand (hard)
2106	Trace of coal
2138	Sand (hard)
2145	Sandy shale
2146	Trace of coal
2165	Sandy shale
2167	Lime shell
2177	Shale
2178	Trace of coal
2277	Sandy shale
2416	Sand (hard)
2464	Sandy shale and lime
2522	Sandy lime
2531	Sand (hard)
2540	Sandy lime
2544	Hard sand and lime
2545	Trace of coal
2630	Sand (hard)
2649	Sand
2666	Sand (hard)
2668	Coal seam
2671	Sand
2683	Shale
2690	Sand
2701	Sand and shale
2723	Sand and lime
2745	Sand
2755	Sand (hard)
2768	Sand
2769	Shale
2832	Sand and shale
2836	Lime and shale
2868	Sand and shale
2875	Sand
2932	Lime and shale
2956	Shale

Stanolind Oil & Gas Company — G. B. Sandel No. 1

(Continued)

2982	Sand and shale
2985	Sandy shale
	Top Ordovician
3335	Lime
3361	Lime with streaks of sand
3414	Lime
3429	Lime (brown)
3437	Lime and sand
3477	Lime
3486	Sandy lime
3520	Lime
3522	Sandy lime and shale
3564	Lime
3566	Sand
4660	Lime
4682	Sandy lime
4693	Lime
4711	Cherty lime
4732	Lime
4733	Cherty lime
4860	Lime
4873	Sandy lime
4896	Lime
4909	Sandy lime
4919	Lime
4935	Sandy lime
5083	Lime
5085	Sandy lime
5170	Lime
5183	Sandy lime
5255	Lime
5268	Sandy lime
5275	Lime
5284	Cherty lime
5290	Sandy lime
5410	Lime

TOTAL DEPTH 5410'

SUMMARY

Pottsville 0-2985

Top Ordovician 2985

Remarks.—It appears that lower Mississippian, Devonian, and Silurian have been cut out. Cored 5383-88; recovered 4'6" gray brownish dense lime with vertical bedding plane. Top Bangor 2985, base Bangor 4100.

WALKER COUNTY

Superior Oil Company — Moss-McCormack No. 1

State Oil and Gas Board No. 18 (No. 106 on Map)

Located: Center SW $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 14, T. 14 S., R. 9 W., Walker County

Elevation: 485'

Began: October 21, 1942

Casing record: 10 $\frac{3}{4}$ " @ 388'

Completed: December 18, 1942

- 0- 46 Sand and shale
- 159 Hard shale
- 214 Hard slate and hard sand
- 255 Hard slate and streaks of coal
- 259 Hard slate
- 322 Hard slate and slate streaks
- 388 Hard shale and streaks of sand
- 461 Hard sand and shale
- 489 Sand and shale
- 544 Hard sand
- 591 Hard sand and shale
- 626 Hard shale
- 692 Sandy shale w/hard streaks
- 727 Shale and streaks of sand
- 729 Hard sand
- 731 Hard sandy shale
- 732 Shale
- 752 Hard sand
- 768 Hard sandy shale
- 816 Hard sand
- 859 Hard sand and shale
- 944 Hard sandy shale
- 973 Hard sand and shale
- 1030 Hard sand
- 1081 Sandy shale
- 1117 Hard sand and shale
- 1243 Hard sand
- 1283 Hard sand and shale
- 1337 Hard sandy shale
- 1368 Hard sand and sand
- 1406 Hard sand w/shale streaks
- 1447 Hard sandy shale
- 1482 Sandy shale
- 1517 Shale and shale streaks
- 1546 Sandy shale
- 1568 Hard sand
- 1603 Hard sand and streaks of shale
- 1626 Sandy shale
- 1641 Hard sand and lime
- 1670 Sand and shale
- 1701 Hard sand and lime

Superior Oil Company — Moss-McCormack No. 1

(Continued)

1725	Hard shale and lime streaks
1744	Hard sandy lime
1789	Hard lime and sand streaks
1834	Sandy lime
1901	Lime and sand streaks
1942	Lime and sand
1987	Lime and streaks of sand
2005	Hard lime and streaks of sand
2015	Hard gray lime
2029	Hard gray lime and sand streaks
2045	Hard lime
2095	Lime and shale
2104	Hard lime w/sand
2130	Sand and shale (cored)
2145	Shale and sand
2154	Hard sand
2157	Hard sand and shale
2164	Hard sand
2174	Sand and shale
2185	Sandy shale and lime
2203	Sand and lime
2224	Shale and sand
2246	Sandy shale
2311	Shale
2326	Sandy shale and streaks lime
2345	Shale and streaks of sand
2380	Shale and lime streaks
2401	Shale and lime
2411	Lime and hard sand
2430	Sandy lime
2483	Lime and shale
2490	Hard lime
2505	Hard sandy lime
2516	Hard lime and shale
2537	Hard lime and streaks of shale
2551	Shale and streaks of hard lime
2566	Lime and shale
2586	Hard lime and shale
2600	Hard lime and sand
2617	Lime
2633	Hard lime
2638	Hard sand
2663	Shale and lime
2687	Hard lime w/sand and shale streaks
2705	Shale
2732	Shale and streaks of lime
2753	Shale and streaks of lime

Superior Oil Company — Moss-McCormack No. 1

(Continued)

2814	Shale and lime
2848	Shale and streaks of hard lime
2887	Shale and lime streaks
2896	Shale and lime
2942	Shale
2993	Shale and lime
3056	Shale
3067	Hard lime
3081	Lime and shale
3122	Shale and lime streaks
3155	Shale and lime streaks
3195	Shale
3239	Shale and streaks of lime
3268	Shale and lime
3294	Hard shale and lime streaks
3329	Shale and lime
3360	Lime
3430	Lime and shale
3568	Lime
3569	Sandy lime
3573	Hard sandy lime
3582	Lime
3610	Lime w/hard streaks
3633	Hard lime
3753	Lime
3790	Lime w/hard streaks
4020	Lime
4040	Sandy lime
4069	Lime
4091	Hard lime
4140	Lime
4169	Hard lime
4350	Lime

TOTAL DEPTH 4350'

Remarks.—Schlumberger total depth 4350 feet.

Stanolind Oil and Gas Company — Ulysses Company No. 1

State Oil and Gas Board No. 33 (No. 107 on Map)

Located: NE¼ NE¼ sec. 20, T. 13 S., R. 7 W., Walker County

Elevation: 446'

Began: March 4, 1944

Casing Record: 13" @ 309'9"

Completed: April 19, 1944

10¾" @ 943'5"

8⅝" @ 1190'8"

0- 35 Hard blue sand

Stanolind Oil and Gas Company — Ulysses Company No. 1

(Continued)

160 Hard gray sand
185 Soft white sand
215 Hard white sand
270 Hard gray sand
300 Sandy shale
315 Lime
325 Dark shale
460 Sand
490 Shale
525 Broken shale and lime
555 Sand and lime
565 Hard dark lime
610 Sandy lime
645 Sand
680 Sandy lime
855 Sand
885 Hard gray lime
950 Sand
965 Hard lime
980 Lime and sand
1101 Sand
Top Mississippi Lime 1101
1505 Hard lime
1528 Shale
Top Hartselle Sand 1616
1618 Lime
1645 Sand
1655 Sandy shale
1695 Sand
1705 Sandy lime
1719 Sand

TOTAL DEPTH 1719'

SUMMARY

Top Bangor 1101

Top Hartselle 1616

Champlin Refining Company — Galloway Coal Company No. 1

(No. 108 on Map)

Located: SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 12, T. 13 S., R. 10 W., Walker County

Elevation:

Began: June 15, 1940

Casing record: 16" @ 353'
13" @ 997'4"
10" @ 1843'

Completed: December 4, 1940

Champlin Refining Company — Galloway Coal Company No. 1

(Continued)

8 $\frac{5}{8}$ " @ 2245'

0-	18	Yellow clay
	45	Shale gray soft
	70	Shale blue soft
	73	Lime sandy gray hard
	75	Shale blue
	77	Coal
	80	Sandy shale
	90	Lime hard
	95	Shale blue soft
	98	Coal soft
	110	Lime hard
	125	Lime sand?
	130	Shale
	150	Lime
	165	Lime gray hard
	170	Shale blue soft
	198	Sand hard
	205	Shale soft
	225	Lime hard gray
	230	Shale dark
	234	Coal soft
	240	Shale dark soft
	255	Lime hard
	258	Sandy shale dark soft
	275	Sandy lime hard
	285	Lime gray hard
	307	Shale blue soft
	318	Lime soft
	344	Sand
	346	Coal and shale broken
	354	Sand
	356	Shale dark
	374	Lime sandy
	432	Sand lite soft
	435	Shale lite
	525	Shale dark
	545	Sand dark hard
	570	Sand
	620	Sand hard
	712	Shale blue
	722	Sand lite hard
	785	Sand and lime hard lite
	815	Lime sandy gray
	860	Lime sandy white hard
	865	Lime sandy gray hard
	895	Sand white hard

Champlin Refining Company — Galloway Coal Company No. 1

(Continued)

900	Shale soft
974	Sand white hard
980	Shale soft blue
997	Sandy lime gray hard
1003	Sand gray hard
1004	Shale blue soft
1015	Sandy lime hard dark
1066	Sandy lime hard dark
1075	Lime gray hard
1085	Lime sandy gray hard
1089	Coal
1095	Lime sandy dark hard
1150	Sand
1202	Sand white soft
1207	Shale
1223	Shale blue soft
1247	Lime gray hard
1255	Sandy lime gray hard
1262	Sand hard
1312	Sand white soft
1350	Lime dark
1353	Lime dark hard
1358	Shale blue soft
1370	Lime dark hard
1376	Shale blue soft
1387	Lime lite hard
1395	Shale blue and red soft
1405	Shale blue soft
1425	Shale blue soft
1432	Shale blue
1487	Lime lite hard
1518	Lime gray hard
1547	Lime lite hard
1553	Lime gray hard
1555	Shale blue
1711	Lime gray hard
1826	Lime dark hard
1830	Shale dark soft
1837	Shale blue soft
1843	Lime brown hard
1833	Lime dark hard
1975	Sand lite brown soft
1985	Shale soft
1995	Lime blue hard
2000	Shale blue
2015	Sandy lime hard
2020	Sandy lime dark hard

Champlin Refining Company — Galloway Coal Company No. 1

(Continued)

2025	Sandy shale blue soft
2169	Shale blue soft
2184	Lime lite hard
2193	Lime gray hard
2212	Lime white soft
2230	Lime broken white soft
2243	Lime white hard. Pulled 8" casing, re-run
2169	Lime gray hard (Reamed hole to 8")
2407	Lime gray hard
2408	Shale blue
2412	Lime gray
2414	Shale black
2420	Lime black
2430	Shale blue
2455	Lime gray hard
2470	Lime white hard
2480	Lime broken gray green
2495	Lime white soft
2510	Lime gray
2512	Shale green soft
2525	Lime gray hard
2587	Lime shells green
2597	Lime lite and brown hard
2600	Lime gray hard
2603	Lime brown hard
2612	Lime lite gray hard
2670	Lime brown gray hard
2680	Lime gray hard
2695	Lime brown hard
2715	Lime gray hard
2745	Lime brown
2820	Lime gray
2825	Shale blue soft
2828	Lime gray hard
3402	Lime gray hard
3403	Shale sandy gray
3436	Lime gray hard sandy
3568	Lime gray hard
3577	Lime broken gray soft
3625	Lime gray hard
3636	Lime gray hard
4182	Lime gray hard

TOTAL DEPTH 4182'

Remarks.—Listed in Alabama Geological Survey Bulletin 50, "Well logs of Alabama," p. 352.

Oakman Water Well — Water Well

(No. 128 on Map)

Located: Oakman, Walker County

Elevation:

Began:

Completed: August 13, 1935

- 0- 10 Tan colored fine sandy clay
20 Drab colored clay with carbonaceous material
30 Medium gray clay and fragments of dark gray shale embedded
40 Same as preceding
50 Same as preceding
60 Black carbonaceous shale and medium gray clay
70 Black carbonaceous shale
80 Same as preceding
90 Same as preceding
100 Same as preceding
110 Medium gray clay and fragments of black shale
120 Black shale; some of it containing mica
130 Black carbonaceous and micaceous shale
140 Medium gray medium-grained sand. Mica present
150 Medium gray coarse sand, carbonaceous, micaceous shale
160 Black shale and sand
170 Same as preceding
180 Same as preceding
190 Same as preceding
200 Medium gray fine-grained sand
210 Black shale and sand
220 Same as preceding
230 Black shale and fine sand
240 Black shale and sand
250 Dark gray micaceous shale and sand
260 Black micaceous carbonaceous shale and sand
270 Fine sand and fragments of black shale
280 Same as preceding
290 Same as preceding
300 Same as preceding
310 Same as preceding
320 Same as preceding and some coarser sand
330 Black carbonaceous micaceous shale and sand
340 Fine sand and black shale
350 Black shale and sand
360 Black shale and sand
370 Same as preceding
375 Coal and black carbonaceous shale
380 Black shale and sand
390 Black shale and some sand
400 Same as preceding

TOTAL DEPTH 400'

WASHINGTON COUNTY

Humble Oil & Refining Company — Jesse R. Williams No. 1

State Oil and Gas Board No. 36 (No. 111 on Map)

Located: SE¼ SW¼ sec. 16, T. 6 N., R. 4 W., Washington County

Elevation: 270'

Began: January 30, 1944

Casing Record: 10¾" @ 1160.42'

Completed: March 10, 1944

0-	40	Sand and clay
	225	Sand, clay and shells
	383	Shells and shale
	532	Shale and chalk
	714	Pyrites, shale and shells
	1202	Sand, shale and shells
	1477	Shale and shells
	1908	Sand, shale and shells
	2487	Shells and shale
	2656	Shale w/str. lime
	2824	Shale
	3405	Sandy shale
	3496	Shale
	3805	Shale w/str. lime
	4120	Chalk and shale
	4294	Chalk
	4551	Chalk w/strks. shale
	4601	Chalk
	4938	Chalk w/str. shale
	4950	Sandy shale
	4968	Bentonite and shale
	4998	Sand
	5112	Sand w/str. shale
	5181	Hd. sand
	5200	Shale and sandy lime
	5220	Sand
	5272	Shale
	5331	Hd. sandy shale
	5406	Shale and lime w/strks. sand
	5457	Shale w/strks. sand
	5472	Sandy shale
	5671	Shale w/strks. sand
	5705	Hd. sand and shale
	5725	Shale
	5740	Sand
	5747	Shale
	5755	Shale w/strks. sand
	5777	Sand and shale
	5895	Shale w/strks. sand
	5941	Hd. sand and shale

Humble Oil & Refining Company — Jesse R. Williams No. 1

(Continued)

6002	Shale
6041	Shale w/strks. lime
6102	Shale
6124	Sand
6180	Sand w/strks. shale
6185	Sand
6264	Sand and shale
6437	Sand w/strks. shale
6475	Shale
6514	Sand
6554	Shale
6564	Sand
6592	Sand and shale
6600	Shale
6644	Sand
6679	Shale
6728	Shale and sand
6740	Red shale
6786	Sand w/strks. shale
6803	Red shale
6812	Shale
6827	Red shale
6950	Shale w/strk. sand
6982	Red shale
7316	Sand w/str. shale
7335	Shale and lime
7369	Shale and chalk
7392	Red shale
7509	Shale and sand
7510	Sand

TOTAL DEPTH 7510'

SUMMARY

Top Moodys Branch	498
Top Cockfield	566
Top Cook Mountain	740
Top Camerina	777
Top Tallahatta	1122
Top Wilcox	1346
Top Midway	3208
Top Chalk	3798
Top Eutaw	4970
Top Tuscaloosa	5282
Top Marine Tuscaloosa	5934
Top "Davis" sand	6100
Top Lower Cretaceous	6430

Remarks.—Schlumberger run at a depth of 5757 feet.

Humble Oil & Refining Company — C. D. Scott No. 1

State Oil and Gas Board No. 25 (No. 112 on Map)

Located: NW¼ NE¼ sec. 28, T. 6 N., R. 4 W., Washington County, Alabama

Elevation: 203.38'

Began: September 7, 1943

Casing record: 16" @ 23.30'
10¾" @ 1101.13'

Completed: January 10, 1944

- 0- 107 Surface clay
- 499 Surface clay with sand rocks
- 725 Sand and shale
- 1127 Shale, sand and lime
- 1775 Shaley sand
- 2362 Sand, shale and shells
- 2424 Sand and shale
- 2641 Shale
- 3231 Shale w/streaks sand
- 3786 Sand and shale
- 3956 Shale
- 3972 Sand
- 4002 Shale
- 4089 Chalk
- 4310 Shale and lime
- 4366 Shale
- 4527 Shale and lime
- 4542 Shale
- 4624 Shale and lime
- 4784 Chalk
- 4933 Shale, sandy shale and lime
- 5055 Sand
- 5151 Shale
- 5305 Broken sand and shale
- 5496 Sand and shale
- 5503 Hard sand and shale
- 5613 Sand and shale
- 5648 Sand
- 5667 Shale
- 5690 Sand
- 5720 Sand and shale
- 5762 Sand
- 5765 Hard sandy lime
- 5783 Sand
- 5785 Shale
- 5825 Shale and sand
- 5857 Sand
- 5870 Sand and shale
- 5894 Sand and shells
- 6073 Shale
- 6103 Sand

Humble Oil & Refining Company — C. D. Scott No. 1

(Continued)

6143	Sand and sandy shale
6179	Sand
6195	Sand with streaks shale
6216	Shale
6223	Shale and sand
6234	Sand
6246	Hard sand
6262	Sandy shale
6407	Sand
6453	Shale and sand
6476	Sand
6520	Sand and shale
6557	Sand w/streaks shale
6579	Sand and red shale
6617	Sand
6635	Sand and shale
6653	Hard red shale
6662	Red shale
6675	Hard red shale
6685	Shale
6692	Sandy shale
6705	Sand
6718	Sand and shale
6724	Red shale
6740	Shale and sand
6753	Hard sand and shale
6769	Sand and shale
6795	Red shale
6867	Shale and sand
6878	Shale
6893	Shale and sand
6907	Red shale
6918	Shale
7004	Sand with streaks shale
7013	Sand
7023	Hard sand and shale
7040	Shale w/streaks sand
7070	Red shale
7094	Red shale and sand
7143	Red shale
7151	Shale
7171	Sand and shale
7182	Hard red shale
7196	Red shale with streaks lime
7210	Red shale
7230	Shale and sand
7240	Red shale

Humble Oil & Refining Company — C. D. Scott No. 1

(Continued)

7257	Red shale with streaks sand
7262	Shale with/streaks sand
7319	Sand
7348	Red shale
7356	Sand
7434	Sand with streaks shale
7449	Red shale with streaks lime
7490	Shale and sand
7520	Sand with streaks shale
7540	Sand
7560	Red shale
7575	Sand and shale
7581	Shale
7674	Shale and sand
7683	Shale
7705	Sand
7737	Shale and sandy lime
7765	Shale w/streaks lime
7835	Shale with streaks sand
7860	Red shale with streaks lime

TOTAL DEPTH 7860'

PLUGGED BACK FROM 7860' to 3763' to sidetrack equipment lost in hole

3763-3805	Shale
3842	Shale w/streaks sand
4047	Shale and chalk
4069	Shale
4139	Shale with streaks chalk
4352	Shale
4392	Shale with streaks lime
4415	Shale
4450	Shale with streaks lime
4477	Lime and shale
4617	Shale with streaks lime
4930	Shale and lime
4984	Sand with streaks shale
5047	Shale with streaks lime
5055	Shale
5220	Shale with streaks lime
5260	Sand
5275	Shale and lime
5312	Lime with streaks shale

TOTAL DEPTH 5312' in sidetracked hole when plugged and abandoned.

Humble Oil & Refining Company — C. D. Scott No. 1

(Continued)

SUMMARY

Top Wilcox	1300
Top Midway	3070
Top Porters Creek?	3220
Top Chalk	3795
Top Eutaw (First sand)	4930
Top Marine Tuscaloosa	5898
Top "Davis" sand	6060
Top Massive sand	6260
Top Lower Cretaceous	6400

Remarks.—Schlumberger run at a depth of 5944 feet.

Humble Oil & Refining Company — C. D. Scott No. 2

State Oil and Gas Board No. 42 (No. 113 on Map)

Located: SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 33, T. 6 N., R. 4 W., Washington County, Alabama

Elevation: 249.63 Ft.

Began: March 21, 1944

Casing record: 16" @ 22.62'
10 $\frac{3}{4}$ " @ 1230.03

Completed: May 1, 1944

0- 189	Clay and sand
347	Shale and shells
821	Shells and sand
958	Hard sand
1132	Shells and sand
1265	Sand w/streaks shale
1327	Sand and shells
1695	Shale and shells
2219	Shells, shale and sand
2434	Sand and shale
2943	Shale and shells
3170	Shale and sand w/streaks lignite
3385	Shale w/streaks sand
3663	Sand and shale
4010	Shale and shells
4031	Shale and lime
4081	Chalk
4121	Chalk and shale
4204	Chalk
4372	Chalk and shale
5067	Chalk
5159	Shale w/streaks lime

Humble Oil & Refining Company — C. D. Scott No. 2

(Continued)

5227	Sand
5298	Sand w/streaks shale
5546	Shale and sand
5600	Shale
5614	Red shale
5638	Sandy lime
5650	Shale
5660	Sandy shale
5716	Red shale w/streaks sand and lime
5736	Red shale
5782	Red and gray shale
5903	Shale and sand
5944	Hard red shale
5990	Shale and sand
6105	Shale and chalk
6196	Shale w/streaks lime
6245	Shale
6265	Hard sand and shale
6313	Shale
6335	Shale and shells
6660	Sand w/streaks shale
6670	Hard sand
6720	Sand and shale
6740	Sand
6773	Red shale
6850	Sand
6857	Sandy shale
6912	Sand
6917	Sand and red shale
6937	Red shale
6954	Red shale and sand
6992	Sand
6997	Sand and shale
7005	Red shale
7129	Shale and sand
7150	Red shale
7189	Sandy shale
7240	Shale
7263	Sand
7320	Sand w/streaks shale

TOTAL DEPTH 7320'

SUMMARY

Top Moodys Branch	570
Top Cockfield	640

Humble Oil & Refining Company — C. D. Scott No. 2

(Continued)

Top Cook Mountain	808
Top Camerina	844
Top Tallahatta	1196
Top Wilcox	1410
Top Midway	3354
Top Chalk	4008
Top Eutaw	5190
Top Tuscaloosa	5536
Top Marine Tuscaloosa	6168
Top "Davis" sand	6330
Top Lower Cretaceous	6656

Remarks.—Schlumberger run at a depth of 5558 feet.

The Texas Company — W. E. Odom No. 1

State Oil and Gas Board No. 51 (No. 114 on Map)

Located: SE¼ SE¼ sec. 27, T. 4 N., R. 3 W., Washington County

Elevation: 274' DF

Began: June 13, 1944

Casing record: 16" @ 46'
10¾" @ 1092'

Completed: August 21, 1944

0- 60	Surface clay
87	Clay and sand
110	Clay
296	Sand and streaks clay
662	Sand and shells
910	Sand, shells and sticky shale
1046	Lime, shale and sand
1092	Shale and lime w/s streaks
1134	Shale and lime
1388	Shale and lime w/s sand
1468	Streaks lime, shale and sand
1526	Shale and lime
1781	Shale, lime and sand
2075	Streaked shale and lime
2467	Broken shale, lime and sand
2699	Shale, sand and lime
2777	Shale and lime
3001	Shale and lime
3030	Shale and lime
3105	Shale and lime streaks
3165	Shale and lime
3292	Lime and shale

The Texas Company — W. E. Odom No. 1

(Continued)

- 3378 Shale and lime streaks
- 3558 Sand, lime and shale broken
- 3671 Shale, lime and sand broken
- 3821 Shale and lime
- 3897 Sand and sandy shale
- 4046 Hard sandy shale and lime
- 4221 Sandy shale w/strks lime
- 4303 Lime and shale
- 4414 Broken sandy shale and lime
- 4554 Sandy shale and lime w/s sand
- 4657 Shale and lime
- 4740 Hard sandy shale and lime
- 4795 Hard sandy shale and lime
- 4822 Lime
- 6201 Chalk
- 6238 Chalk and broken lignite
- 6249 Hard shale
- 6267 Shale
- 6278 Shale
- 6297 Shale
- 6318 Shale
- 6333 Shale
- 6341 Shale
- 6371 Hard sandy shale and lime
- 6394 Shale and lime
- 6413 Shale and lime streaks
- 6446 Hard sandy shale, sand
- 6485 Sand and shale
- 6505 Shale and sand streaks
- 6524 Hard sandy shale and lime streaks
- 6553 Hard sandy shale and lime streaks
- 6600 Sandy shale w/strks lime
- 6635 Shale and lime
- 6689 Broken hard sandy shale and lime streaks
- 6735 Shale and lime
- 6750 Hard shale and lime
- 6770 Hard sandy shale
- 6810 Hard sandy shale
- 6841 Hard shale and lime, scant sand streaks
- 6853 Red shale and hard sand streaks sand
- 6881 Sand
- 6895 Broken hard sand and shale
- 6919 Hard sand and red shale
- 6927 Shale
- 6955 Red sandy shale
- 6966 Shale
- 7011 Hard red sandy shale

The Texas Company — W. E. Odom No. 1

(Continued)

7034 Red sandy shale
7055 Shale
7089 Hard shale
7104 Hard shale
7156 Hard shale w/s hard sd.
7152 Hard shale
7165 Sand
7180 Broken shale and sand
7233 Broken hard sandy shale
7270 Hard sandy shale
7258 Hard shale
7270 Sandy shale
7294 Hard shale and lime
7299 Hard shale
7330 Broken sand and shale
7368 Hard sandy shale and lime streaks
7416 Hard sandy shale w/s sand
7465 Sandy shale and sand
7471 Hard shale and lime
7483 Hard sandy shale
7497 Hard sandy shale
7514 Hard shale and lime
7526 Hard shale and lime
7543 Hard shale and lime
7572 Hard shale and lime
7597 Shale and hard lime
7618 Hard shale
7639 Hard shale
7659 Hard shale
7678 Hard shale
7692 Hard shale
7695 Hard shale
7703 Shale
7708 Sand
7723 Sand
7790 Broken hard sand
7804 Hard sand
7840 Sandy shale
7871 Hard shale
7916 Shale and sand
7937 Shale and sand
7952 Sand
7982 Sand
8015 Sand
8039 Sand w/streaks shale
8048 Sand and shale
8058 Sand and shale

The Texas Company — W. E. Odom No. 1

(Continued)

8085	Sand and streaks shale
8104	Sandy shale
8123	Shale and sand
8168	Shale and sand
8199	Shale and short sand streaks
8214	Shale
8219	Hard sand
8235	Hard sand and shale

TOTAL DEPTH 8235'

SUMMARY

Top Vicksburg	940
Top Yazoo	1004
Top Moodys Branch	1142
Top Cockfield	1177
Top Cook Mountain	1243
Top Camerina	1269
Top Sparta	1360
Top Zilpha	1425
Top Winona	1504
Top Tallahatta	1633
Top Wilcox	1832
Top Midway (sandy)	3922
Top Midway (Porters Creek)	4714
Top Clayton	4783
Top Navarro Cretaceous	4805
Top Taylor	5288
Top Austin	6182
Top Upper Eutaw (shale)	6390
Top Middle Eutaw (sand)	6432
Top Lower Eutaw (shale)	6480
Top Tuscaloosa	6630
Top Marine Tuscaloosa	7470
Top "Davis" sand	7703
Top Massive sand	7862
Top Lower Cretaceous	8180

Remarks.—Schlumberger total depth 8240 feet.

Humble Oil & Refining Company — J. R. Williams et al B-1

State Oil and Gas Board No. 57 (No. 115 on Map)

Located: SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 20, T. 6 N., R. 4 W., Washington County

Elevation: 226.7'

Began: August 25, 1944

Casing record: 16" @ 30.91'
10 $\frac{3}{4}$ " @ 1224.70'

Completed: October 18, 1944

- 0- 16 Cellar
- 22 Surface Sand
- 95 Shale and streaks sand
- 225 Sand and gravel streaks shale
- 235 Sand and streaks shale
- 270 Sand
- 370 Sticky shale
- 380 Hard sand
- 503 Sand and streaks shale
- 661 Shale, streaks sand and gravel
- 725 Sand
- 823 Sticky shale and gravel
- 863 Sand
- 940 Sand and shale streaks
- 1127 Sand shell w/streaks shale
- 1207 Shale and shells
- 1217 Sand
- 1225 Sandy shale
- 1400 Shale and shells
- 1783 Sand and shells w/streaks shale and lignite
- 2033 Shale and sand streaks
- 2335 Hard sand and shale
- 2538 Shale and streaks sand
- 2760 Shale and shells
- 2878 Shale
- 2894 Sand
- 2917 Shale
- 2930 Sand
- 3111 Shale and shells, w/streaks sand
- 3856 Shale w/streaks lignite and sand
- 4097 Shale and chalk
- 4263 Chalk
- 4307 Chalk and shale
- 4408 Chalk
- 4616 Chalk and shale
- 4659 Chalk
- 4971 Shale and chalk
- 5011 Sandy shale and lime
- 5032 Hard sand
- 5100 Sandy shale and lime

Humble Oil & Refining Company — J. R. Williams et al B-1

(Continued)

5238	Sandy shale w/lime streaks
5271	Hard sand
5580	Hard sandy shale
5610	Hard shale
5737	Hard sandy shale and shale
5810	Sandy shale
5915	Shale and hard shale
5935	Sticky shale
5943	Sandy shale and sand
6001	Hard shale and sand
6110	Hard shale
6179	Sandy shale
6216	Sandy shale and hard sand
6251	Sand
6300	Sand and shale
6320	Sand
6330	Sandy shale
6431	Hard sand and shale streaks
6543	Hard shale and sand streaks
6547	Hard sand

TOTAL DEPTH 6547'

WELL RECORD

J. R. WILLIAMS ET AL B-1

CORING RECORD

From	To	Formation	Rec.	Shows
2760	2770	Brown shale	7'6"	No
2770	2780	Brown shale	10'	No
2780	2789	Brown shale	5'	No
2789	2799	Shale	6'	No
2799	2809	Shale blue	5'	No
2809	2819	Shale	8'	No
2819	2829	Shale	2'	No
2829	2839	Shale	10'	No
2839	2849	Shale	6'	No
2849	2859	Sandy shale	1½'	No
2859	2869	Sandy shale	5'	No
2869	2880	Shale, lignite and sand	7'	S.W.
2880	2890	Sand and streaks shale	4'	S.W.
2890	2900	Sand and shale	7½'	S.W.
2900	2910	Sand and shale	4½'	S.W.

J. R. WILLIAMS ET AL, B-1—Continued

From	To	Formation	Rec.	Shows
2910	2920	Sand	4½'	S.W.
2920	2930	Sand	2'	S.W.
4995	5005	Sandy shale	8'	No
5005	5011	Sandy shale	6'	No
5011	5017	Sand and hard sand streaks	5'	No
5017	5022	Sand	3'	No
5022	5027	Hard sand	5'	No
5027	5032	Hard sand	2½'	No
6110	6120	Shale	2'	No
6120	6126	Shale	5'	No
6126	6136	Sandy shale	6'	No
6136	6146	Sandy shale	10'	No
6146	6156	Sandy shale	9'	No
6156	6166	Sandy shale	10'	No
6166	6176	Soft sand and sandy shale	4'	No
6176	6186	Sandy shale	3'	No
6186	6196	Sandy shale	4'	No
6196	6206	Hard sand	7'	No
6206	6216	Hard sand and shale	8'	No
6216	6226	Sand	10'	S.W.
6226	6236	Sand	3'	S.W.
6236	6241	Sand	3'	S.W.
6241	6251	Missed	0'	—
6251	6260	Sand and shale	7'	S.W.
6260	6270	Hard sand and shale	6'	S.W.
6270	6280	Sand and shale	10'	S.W.
6280	6290	Shale and sand	5'	S.W.
6290	6300	Sand w/shale streaks	5'	S.W.
6300	6310	Sand	2'	S.W.
6310	6320	Sand	7'	S.W.
6320	6330	Sandy shale	9'	S.W.

SUMMARY

Top Vicksburg	490
Top Yazoo	610
Top Cockfield	910
Top Zilpha	982
Top Tallahatta	1125
Top Wilcox	1396
Top Midway	3217
Top Selma	3844
Top Eutaw	4950

Remarks.—Schlumberger total depth 6544 feet.

The Texas Company — Stallworth Naval Stores No. 1

State Oil and Gas Board No. 60 (No. 116 on Map)

Located: SW¼ NW¼ Sec. 10, T. 3 N., R. 3 W., Washington County

Elevation: 188'

Began: September 18, 1944

Casing Record: 16" @ 40'
10¾" @ 1037'

Completed: November 15, 1944

- 0- 95 Sand and clay
- 228 Sand
- 633 Surface sand and shale
- 755 Sand and gravel
- 785 Sand and gravel
- 992 Broken sand, lime shale
- 1043 Shale and lime
- 1322 Hard lime and shale streaks
- 1614 Sand, hard lime, shale streaks
- 1897 Shale and streaks sand, shale and streaks lime
- 2266 Shale and lime, streaks of sand
- 2391 Streaks of sandy shale
- 2593 Broken shale and lime sand
- 2806 Shale and lime, streaks of sand
- 2863 Shale
- 3113 Shale with streaks sand and lime
- 3286 Shale and hard lime
- 3440 Lime and shale, sand streaks
- 3592 Shale, lime and sand streaks
- 3816 Shale and lime and sand broken
- 3958 Sand and shale, streaks of lime
- 4099 Shale and streaks lime
- 4266 Broken shale and lime
- 4359 Sand and shale
- 4412 Broken sandy shale, lime streaks
- 4545 Shale, lime and sand broken
- 4636 Sand and shale
- 4687 Shale and lime broken
- 4709 Shale and lime
- 4730 Shale, lime and chalk
- 5072 Chalk
- 5128 Chalk and light shale broken
- 5170 Broken chalk
- 5310 Chalk
- 5344 Chalk and streaks of pyrites
- 5427 Chalk
- 5478 Streaks of chalk and shale
- 5526 Chalk and shale
- 6015 Chalk
- 6078 Broken chalk and shale

The Texas Company — Stallworth Naval Stores No. 1

(Continued)

6144	Chalk and shale
6194	Chalk
6209	Hard shale
6251	Sand
6266	Sand and shale
6298	Shale
6342	Shale and lime
6402	Shale and broken streaks of sand
6422	Sand and shale
6447	Broken sand, shale and lime
6457	Sandy shale
6477	Shale
6492	Sand and shale
6556	Broken sand and shale
6590	Broken shale and sand, lime streaks
6627	Broken shale, sand streaks
6700	Broken sand and shale
6730	Red shale
6774	Shale and sand broken
6790	Shale
6796	Sand
6809	Shale and sand
6897	Broken sand and shale
7027	Shale and sand
7042	Sand
7089	Broken sand and shale
7109	Sand and shale
7127	Shale and sandy shale
7129	Sand
7159	Broken sand and shale
7222	Shale and sand
7302	Shale
7425	Shale and lime
7469	Sand
7474	Shale
7546	Sand
7565	Shale and lime
7575	Shale
7605	Shale, sand and shaley sand
7653	Sand and sandy shale
7668	Broken sand and shale and lime
7745	Sand
7764	Hard shale and sand
7813	Sand and shale
7859	Sandy shale and shale
7897	Hard sandy shale
7947	Shale

The Texas Company — Stallworth Naval Stores No. 1

(Continued)

7977	Sand
7993	Shale
8033	Shale with thin lime and sand streaks
8049	Shale
8085	Hard sand and shale
8133	Sandy shale
8193	Sand
8201	Red shale
8215	Shale
8235	Sandy shale
8257	Hard sandy shale
8271	Sand and sandy shale
8289	Shale
8303	Sandy shale and sand streaks
8315	Shale
8340	Hard shale
8368	Shale and sandy shale

TOTAL DEPTH 8368'

SUMMARY

Top Vicksburg	930
Top Wilcox	1805
Top Naheola (sandy Midway)	3825
Top Midway (Porters Creek)	4618
Top Clayton	4676
Top Ripley	4682
Top Selma	5050
Top Upper Eutaw (shale)	6175
Top Middle Eutaw (sand)	6210
Top Lower Eutaw (shale)	6260
Top First Tuscaloosa red shale	6455
Top Marine Tuscaloosa	7210
Top "Davis" sand	7431
Top Massive sand	7576
Top Lower Cretaceous	7893

Remarks.—Schlumberger total depth 8369 feet.

WILCOX COUNTY

Reid Clarke, et al — Jeanette Curtis No. 1

State Oil and Gas Board No. 31 (No. 119 on Map)

Located: Center SE¼ SE¼ sec. 7, T. 11 N., R. 5 E., Wilcox County

Elevation: 213' D.F.

Began: November 26, 1943

Casing record: 9½" @ 86'

Completed: December 11, 1943

- 0- 45 Clay and sand
- 91 Sand and streaks shale
- 617 Sand and shale
- 827 Gummy shale
- 1925 Chalk
- 1980 Shale and lime; streaks sand
- 2022 Shale
- 2032 Core No. 1—no recovery (2012-2032)
- 2068 Sand
- 2079 Core No. 2—no recovery (2068-79)
- 2099 Core No. 3—rec. 5' sand (2079-99)
- 2430 Sand and shale
- 2441 Core No. 4—(2430-41)
- 2610 Shale and streaks of limestone
- 2795 Shale and sand
- 2945 Sandy shale
- 2975 Shale
- 2989 Core No. 5—rec. 11' sand (2975-89)
- 3120 Shale
- 3135 Sand—Core No. 6—recovered 11' (3120-35)
- 3168 Gummy shale and sand
- 3182 Core No. 7—recovered 7' (3168-82)
- 3240 Shale and sandy limestone
- 3295 Gummy shale and sand
- 3305 Core No. 8—recovered 10' sand (3295-3305)
- 3640 Sand and shale
- 3728 Shale and limestone
- 3738 Core No. 9—recovered 10' (3728-38)
- 3825 Shale and sand
- 4005 Shale and chert

TOTAL DEPTH 4005'

SUMMARY

Top Midway	365-77
Top Selma	895
Top Eutaw	2042

Reid Clarke, et al — Jeanette Curtis No. 1

(Continued)

Top Tuscaloosa	2463
Top Marine Tuscaloosa	2928
Top Massive sand	3337
Top Lower Cretaceous	3822 (?)

Remarks.—Schlumberger total depth.... 4005 feet.

Southern Natural Gas Company — Fannie E. Stokes No. 1

State Oil and Gas Board No. 67 (No. 120 on Map)

Location: C SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 32, T. 12 N., R. 5 E., Wilcox County, Alabama

Elevation: 131'

Began: November 30, 1944

Casing Record: 9 $\frac{5}{8}$ " @ 789'

Completed: January 15, 1945

0- 69	Surface clay and lime boulders
209	Sand
375	Sand and shale boulders
800	Sand and shale (set 9 $\frac{5}{8}$ " csg. at 789' w/350 sx. cmt.)
820	Missing
1160	Chalk and shale
1500	Shale and boulders
1560	Chalk or lime and shale
1570	Chalk
1580	Shale
1843	Chalk
1884	Chalk
1902	Chalk
1961	Shaly, dark gray chalk
2014	Sand
2030	Soft, light gray chalk
2045	Hard gray chalk; dark calcareous shale
2075	Chalk, dark and gray
2085	Shale
2099	Light gray chalk
2114	Gray, very shaley chalk
2180	Shale
2218	Chalk
2238	Gray chalk, slightly shaley
2240	Corrected Depth
2259	Gray chalk
2274	Shale
2294	Shale, some shaley sand
2885	Sand

Southern Natural Gas Company — Fannie E. Stokes No. 1

(Continued)

2890	Hard Lime
2930	Sand
2935	Hard lime
2963	Sand and lime
3211	Sand
3320	Hard sand streaks
3358	Hard sand
3385	Soft sand
3554	Hard sand
3593	Broken sand
3660	Shale and gravel
3738	Shale and sand
3931	Sand and shale streaks
4115	Sand and hard shale
4250	Sand and shale streaks
4305	Sand and shale

TOTAL DEPTH 4305'

Remarks.—Schlumberger total depth 4305 feet.

SOUTHERN NATURAL GAS COMPANY

STOKES NO. 1

Wilcox County, Alabama

CORE DESCRIPTIONS

Core No. 1	1842-57'	Rec. 4' Gray chalk, hard Time: 8-10-8-7-10-10-15-14-16-20-14-16-18-20-28
Core No. 2	1857-75'	Rec. 8'. Dark and light gray hard chalk—No bedding. Time: 15-15-18-20-25-17-15-10-41-34-35-30-33-18-15-21-18-18
Core No. 3	1875-84'	Rec. 7'. Dark and light gray hard chalk—No bedding. Time: ?-4-24-34-30-30-17-0-22
Core No. 4	1902-22'	Rec. 8'. Shaley, dark gray chalk. Time: 6-4-3-4-4-4-5-4-4-4-12-14-6-8-6-6-9-7-10-10
Core No. 5	1922-42'	Rec. 18'. Shaley, dark gray chalk. Time: 7-9-7-7-5-7-6-6-5-3-2-2-2-2-2-2-2-2-2
Core No. 6	1942-61'	Rec. 9'. Shaley, dark gray chalk. Time: 2-2-1-2-2-2-3-2-2-3-2-3-3-3-3-2-4-3-3

SOUTHERN NATURAL GAS COMPANY—Continued

Core No. 7	2014-30'	Rec. 14'. Soft, light gray chalk. Time: 2-4-2-4-4-2-1-2-1-2-2-3-3-5-3-3
Core No. 8	2030-45'	Rec. 3'. —1' hd. gray chalk; 2' dark calcareous shale. Time: 3-2-4-4-4-6-5-4-3-4-4-4-?-6-6
Core No. 9	2045-62'	Rec. 13'. Dark shaley chalk-bottom 2' showed well developed, slickened sides and fractures. Time: 5-5-2-1-3-2-4-2-3-3-3-3-4-5-3-2-2
Core No. 10	2062-75'	Rec. 12'. Dark and gray chalk, in part shaley. In several places core showed well developed, slickened sides, fractures and calcite veins. Time: 1-1-1-1-2-1-3-1-1-1-1-1-1
Core No. 11	2085-99'	Rec. 14'. Light gray chalk. Time: 2-3-2-2-2-2-2-3-4-3-4-4-4-6
Core No. 12	2099-2114'	Rec. 15'. Gray, very shaley chalk. Time: 1-2-2-2-1-1-2-3-3-3-3-2-1-2-2
Core No. 13	2180-99'	Rec. ? Dark shaley chalk. Time: 1-2-10-8-6-5-7-8-7-6-8-9-8-8-4-4-7-7-5
Core No. 14	2199-2218'	Rec. 17'. Dark and light gray chalk. Time: 22-1-1-1-2-1-1-1-1-2-2-2-1-1-1-3-5
Core No. 15	2218-38'	Rec. 18'. Gray chalk, slightly shaley in part. Time: 2-1-2-1-1-2-2-1-2-1-1-1-2-2-2-1-1-1-1
Core No. 16	2240-59'	Rec. 8'. Gray chalk. Time: 3-3-2-2-3-3-3-2-3-3-3-6-4-3-3-4-4-5-4
Core No. 17	2259-74'	Rec. 14'. Dark, slightly micaceous and glauc. very calcareous shale. Time: 2-2-1-2-2-2-2-1-2-1-2-3-3-2-2
Core No. 18	2274-94'	Rec. 19'. —13' dark slightly mic. and glauc. very calcareous shale; 6' glauc., slightly shaley med. grained sand, calc. and hard, in part, and fossiliferous, no odor, and doubtful brackish taste Time: 2-2-3-2-2-2-1-1-1-2-1-2-1-2-1-1-1-1-1

SOUTHERN NATURAL GAS COMPANY—Continued

Core No. 19 2294-2311' Rec. 7'. Glau., very soft, loose, fossiliferous,
med. grained sand, hard and calcareous
2305 and 2308.

Time: 4-1-1- $\frac{1}{2}$ - $\frac{1}{2}$ - $\frac{1}{2}$ - $\frac{1}{2}$ -0- $\frac{1}{2}$ - $\frac{1}{2}$ -6-3-8-18- $\frac{1}{2}$ - $\frac{1}{2}$ -1

Core No. 20	2311-26'	Rec. 1'. Very hard, slightly sandy, very foss. limestone—sample collected in trough while coring gray to white glauconitic medium to coarse fossiliferous.
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Time: 2-1- $\frac{1}{2}$ - $\frac{1}{2}$ - $\frac{1}{2}$ - $\frac{1}{4}$ - $\frac{1}{4}$ - $\frac{1}{4}$ - $\frac{1}{4}$ - $\frac{1}{4}$ - $\frac{1}{4}$ -8-31-1-1

Core No. 21 3358-77' No recovery.
Cut 19' in 10 minutes.

WINSTON COUNTY

G. L. Reasor — J. J. Henderson No. 1

State Oil and Gas Board No. 16 (No. 123 on Map)

Located: NW¼ NE¼ sec. 30, T. 9 S., R. 10 W., Winston County

Elevation: 950'

Began: February 25, 1942

Casing record: 15½" @ 58'
12½" @ 181'
10" @ 355'
8" @ 805'
6⅝" @ 1618'

Completed: September 20, 1942

0- 50 Yellow sand
58 Red sand
61 White sand
84 Gray sand
90 Gray sandy shale
118 Gray sand
162 Blue shale
165 Gray sand
175 Blue shale
181 Gray shale
225 Gray sand
235 Blue shale
252 Gray shale
260 Gray sand
265 Light gray sand
285 White sand
295 Gray sandy shale
319 White sand
332 Blue shale
395 Gray sand
400 Blue shale
410 Gray sand
424 White sand
429 Gray shale
435 Gray sandy shale
455 Gray shale
567 Light gray sand
571 Blue sand
600 Gray sandy shale
620 Dark gray shale
685 Gray sandy shale
690 Dark gray lime
695 Gray shale
757 Gray (Bangor lime)

G. L. Reasor — J. J. Henderson No. 1

(Continued)

765 Red shale
793 Gray lime
795 Green shale
804 Red shale
820 Gray lime
860 White lime
862 Green shale
875 Red shale (Caves)
888 Light brown lime
890 Green lime
925 Dark brown lime
935 Dark gray lime
950 Brown lime
952 Red shale
955 Gray lime
960 Brown lime
1120 Gray lime
1125 Red shale (Caves)
1140 Gray lime and shale
1180 Dark gray shale (Caves)
1185 Gray lime and shale
1225 Gray lime
1290 Gray shale
1295 Gray lime and shale
1410 Gray sand
1620 Blue shale (Caves)
1630 Gray lime
1685 Brown lime
1755 Gray lime (Cherty)
1780 Brown lime (Cherty)
1795 Gray lime
1907 Brown lime (Cherty)
1912 Greenish lime
1937 Devonian shale
2005 Gray lime
2060 Blue and gray lime
2218 Red rock
2476 Trenton lime
2810 Brown lime
2850 Gray lime
2945 Light brown lime
3020 Knox Dolomite
3045 Blue and gray
3060 Blue and gray (hard)
3106 Gray (extra hard)

G. L. Reasor — J. J. Henderson No. 1

(Continued)

3111 Brown
 3128 White (St. Peter sand)

TOTAL DEPTH 3128'

SUMMARY

Top Bangor	713
Top Knox	2850
Top St. Peters	3111 (Driller)
Top Porous St. Peters	3125

The Superior Oil Company — First National Bank of Birmingham No. 1

The State Oil and Gas Board No. 20 (No. 124 on Map)

Located: NW¼ NE¼ sec. 18, T. 12 S., R. 8 W., Winston County

Elevation: 699'

Began: February 10, 1943

Casing record: 13" @ 200'

Completed: April 29, 1943

10¾" @ 760'

8⅝" @ 1076'

- 0- 10 Surface sand and clay
- 20 Tan sand and clay
- 25 Fine dark gray silty, firm sand
- 30 Gray, fine, firm clean sand
- 35 Fine gray medium sand
- 40 Fine light gray hard sand
- 45 Fine light gray hard sand
- 60 Fine light gray hard sand
- 65 Fine gray hard shaly sand
- 70 Sandy shale
- 75 Dark gray hard sand
- 80 Gray, medium hard sand
- 85 Gray, medium, hard sand
- 90 Gray very hard tight sand
- 105 Dark gray hard shaly sand
- 120 Light gray fine hard sand
- 125 Light gray fine firm sand
- 135 Light gray fine hard sand
- 145 Light gray fine to medium hard sand
- 148 Light gray fine to medium hard sand
- 155 Light gray fine hard sand
- 160 Light gray fine hard sand

The Superior Oil Company — First National Bank of Birmingham No. 1

(Continued)

- 190 Light gray fine hard sand
- 195 Light gray medium hard sand
- 200 Light gray fine, hard sand
- 205 Dark gray shale and hard sand
- 235 Dark gray hard shale
- 270 Dark gray hard shale
- 290 Light gray fine hard sand
- 310 Light gray medium hard sand
- 345 Light gray medium hard sand
- 360 Dark gray hard sandy shale
- 390 Dark gray hard shaly sand
- 405 Dark gray hard shale
- 410 Dark gray hard shaly sand
- 415 Light gray hard sand
- 435 Dark gray very hard sand
- 450 Brown fine hard oily sand
- 460 Dark gray fine hard slightly oily sand (asphalt)
- 475 Light gray hard sand
- 480 Hard sandy shale
- 490 Dark gray very hard sand
- 530 Light gray fine hard sand
- 545 Dark gray very hard sandy shale
- 560 Light, gray, very hard fine sand
- 590 Light gray, very hard fine sand
- 620 Light gray, very hard fine sand
- 635 Light, gray, very hard fine sand
- 685 Light gray, very hard, fine sand
- 700 Gray, medium, hard sand
- 720 Light gray, fine, very hard sand
- 740 Light gray, fine, very hard sand
- 760 Light gray, fine very hard sand
- 780 Light gray, fine, very hard sand
- 800 Brown, fine, stained w/black oil
- 840 Light gray, medium hard sand
- 875 Light gray, hard sand
- 880 Dark gray medium hard sandy shale
- 925 Light gray, fine, hard, slightly shaly sand
- 965 Light gray, fine hard sand
- 985 Light gray, fine hard sand
- 1000 Dark gray fine hard shaly sand
- 1020 Dark gray fine hard shaly sand
- 1035 Dark gray fine hard shaly sand
- 1040 Dark gray fine hard shaly sand
- 1045 Dark green-gray hard shale
- 1050 Light gray hard limestone
- 1077 Light gray hard limestone
- 1085 Light gray very hard limestone

The Superior Oil Company — First National Bank of Birmingham No. 1

(Continued)

1100	Light gray very hard limestone
1125	Light gray oolitic limestone
1155	Light gray oolitic limestone
1195	Light gray hard limestone
1225	Light gray hard limestone
1245	Light gray hard limestone
1250	Light gray medium hard lime
1260	Light gray medium hard lime
1290	Gray hard lime
1300	Gray hard lime
1335	Dark gray hard lime
1380	Dark gray shaly lime
1390	Light gray hard lime
1400	Light gray hard lime
1420	Dark gray hard lime
1455	Dark gray hard lime
1465	Dark gray very hard sand
1477	Dark gray very hard sand
1495	Dark gray hard sand
1500	Light gray hard sand
1540	Light gray very hard sand
1580	Dark gray medium sandy shale
1595	Gray hard shaly sand
1600	Dark gray medium sand
1610	Dark gray medium shaly sand
1625	Dark gray shale
1670	Dark gray shaly sand
1690	Dark gray shale
1719	Dark gray hard sand
1753	Dark gray sandy shale
1817	Dark gray hard lime
1822	Light gray hard lime
1856	Light gray and white hard lime

TOTAL DEPTH 1856'

SUMMARY

Top Bangor lime	1050
Top Hartselle sand	1457
Top Gasper shale	1545
Top Tusculumbia lime	1753

Remarks.—Estimated half million cubic feet of gas in porous zone at 1366 feet. Show of heavy oil in Hartselle.

Glenn D. Rose — First National Bank, Trustee, No. 1 (Z. A. Boshell No. 1)

State Oil and Gas Board No. 71 (No. 125 on Map)

Located: NW¼ NE¼ of Sec. 18, T. 12 S., R. 8 W., Winston County, Alabama

Elevation: 709'

Began: December 11, 1944

Casing record: 65½" @ 1059'

Completed: January 21, 1945

- 0- 25 Sand, yellow, soft
- 40 Shale, blue
- 100 Sand, gray med.
- 110 Shaley sand
- 145 Sand, light gray
- 175 Sand, light gray
- 180 Sand, light gray, hard
- 205 Sand, light gray, med.
- 210 Sand and shale, gray, med.
- 215 Shale, gray, med.
- 280 Shale, dark, med.
- 310 Shale, light gray, med.
- 350 Sand, light gray, hard
- 360 Sand and shale, dark, med.
- 385 Shale, dark gray, med.
- 405 Shale, dark gray, med.
- 420 Sand, dark gray, med.
- 430 Sand and shale, dark, med.
- 455 Sand, gray, hard
- 505 Sand, light gray, hard
- 525 Sand, light gray, med.
- 530 Sand, light gray, hard
- 535 Sand and shale, light gray, hard
- 550 Sand, light gray, hard
- 565 Sand, light gray, hard
- 575 Sand, fine, light gray, hard
- 755 Sand, light gray, hard
- 760 Sand and shale, light gray, hard
- 870 Sand, light gray, hard
- 875 Shale showing, sand, light gray, hard
- 915 Sand, light gray, hard
- 960 Sand, white, hard
- 975 Sand, light gray, hard
- 1005 Shaley sand, dark, hard
- 1025 Shale, dark, hard
- 1035 Sandy shaley, dark gray, hard
- 1052 Shale, dark gray, hard
- 1059 Bangor lime, dark gray, hard
- 1095 Lime, light gray, hard
- 1100 Lime and green shale, light gray, med.
- 1110 Lime, light gray, hard

Glenn D. Rose — First National Bank, Trustee, No. 1 (Z. A. Boshell No. 1)

(Continued)

- 1120 Lime, light gray, med.
- 1125 Lime, light gray, hard
- 1130 Lime and shale, gray and green, med.
- 1135 Lime, gray and green, hard
- 1160 Lime and caving, gray and green, hard
- 1195 Lime, gray and green, hard
- 1200 Lime, gray, med.
- 1220 Lime, gray, hard
- 1305 Lime, light gray, hard
- 1320 Lime, light gray, hard
- 1330 Lime, dark gray, hard
- 1340 Lime, dark gray, med.
- 1345 Lime and shale, green and gray, med.
- 1355 Lime, gray, med.
- 1375 Shale, gray med.
- 1377 Gas
- 1390 Shale and lime, dark gray, hard
- 1405 Sandy lime, dark gray, hard
- 1445 Lime, dark gray, hard
- 1455 Shaley lime, dark gray, hard
- 1460 Lime, dark gray, hard
- 1470 Sand, dark gray, hard
- 1500 Show of oil—Sand, dark gray, hard
- 1505 Show of Oil—Sand, dark gray, hard
- 1545 Sand, gray, hard
- 1550 Sand and shale, gray, hard
- 1560 Sand and shale, gray, med.
- 1590 Shale, dark gray, med.
- 1600 Shale, dark gray, hard
- 1610 Sand and shale, dark gray, hard
- 1700 Sand and shale, dark gray, med.
- 1705 Sandy shale, dark gray, hard
- 1715 Show of oil—Sand, dark gray, hard
- 1725 Sand, gray, hard
- 1750 Shale, gray, med.
- 1765 Sandy shale, gray, hard
- 1780 Lime, gray, hard
- 1785 Show of oil—Lime gray, hard
- 1830 Lime, gray, hard
- 1835 Show of gas—Sandy lime, gray, hard
- 1855 Lime, light gray, hard
- 1860 Lime, dark gray, hard
- 1865 Lime, light gray, hard
- 1880 Lime, dark gray, hard
- 1905 Lime, gray, hard
- 1910 Lime, dark gray, hard
- 1920 Shale cave lime, gray, hard

Glenn D. Rose — First National Bank, Trustee, No. 1 (Z. A. Boshell No. 1)

(Continued)

1975 Lime, light gray, hard
2000 Lime, gray, hard

" TOTAL DEPTH 2000'

SUMMARY

Top Bangor	1059
Top Hartselle	1467
Top Gasper	1555
Top Tuscumbia	1763

Remarks.—Gas shows in basal Bangor lime at 1377-1417 and in Tuscumbia at 1765-70 and 1825-35. This section was acidized with 2000 gallons of acid. Flow test was made April 17, 1945. Closed in top pressure was 410 pounds. Readings were made at 5-minute intervals for one hour at the end of which time the flow rate was 785,680 cubic feet per day.

LIST OF WELLS

Map No.	Oil & Gas Board No.	County	Location	Operator	Farm Name	Started	Completed	Total Depth	Remarks
1a		Baldwin	Extreme western end Ft. Morgan Peninsula	Danciger Oil & Refineries, Inc.	Ft. Morgan No. 1	1-30-35	3-18-35	2564	
2ac	35	Bullock	NE $\frac{1}{4}$ NE $\frac{1}{4}$ s. 31-13N-24E	Pope	Pope #1	9-1-43	1-25-44	2034	
3ac	24	Bullock	SE $\frac{1}{4}$ SW $\frac{1}{4}$ s. 18-12N-22E	T. M. McLendon	Harris #1 (Bullock #1)	9-5-43	8-45	1763	
4ac	86	Bullock	SE $\frac{1}{4}$ SE $\frac{1}{4}$ s. 18-14N-22E	Capital Oil & Gas Co.	Ethel B. Gholston #1	5-6-45	5-19-45	1707	
5abc	92	Bullock	SE $\frac{1}{4}$ NW $\frac{1}{4}$ s. 22-13N-21E	Capital Oil & Gas Co.	Fred Pickett #1	5-31-45	6-13-45	2523	
6abc	29	Choctaw	NW $\frac{1}{4}$ SE $\frac{1}{4}$ s. 36-11N-5W	H. L. Hunt	Robert Land #1	11-20-43	12-23-43	5942	Producer
7abc	34	Choctaw	SE $\frac{1}{4}$ NE $\frac{1}{4}$ s. 2-10N-4W	Hunt Oil Company	A. R. Jackson #1	1-10-44	2-17-44	5534	
8abc	38	Choctaw	SE $\frac{1}{4}$ NE $\frac{1}{4}$ s. 2-10N-4W	Hunt Oil Company	Rudder-Land #1	2-23-44	3-27-44	3766	Producer
9ab	39	Choctaw	SE $\frac{1}{4}$ NE $\frac{1}{4}$ s. 2-10N-4W	Hunt Oil Company	A. R. Jackson #2	2-22-44	3-8-44	3755	Producer
10ab	40	Choctaw	NW $\frac{1}{4}$ NE $\frac{1}{4}$ s. 2-10N-4W	Hunt	J. T. Doggett #1	3-10-44	4-15-44	5063	Producer
11ab	41	Choctaw	SE $\frac{1}{4}$ NE $\frac{1}{4}$ s. 2-10N-4W	H. L. Hunt	J. T. Doggett #2	3-11-44	4-9-44	3918	Producer
12ab	45	Choctaw	SE $\frac{1}{4}$ NW $\frac{1}{4}$ s. 2-10N-4W	H. L. Hunt	J. T. Doggett #3	4-13-44	4-26-44	3696	
13ab	46	Choctaw	SE $\frac{1}{4}$ NW $\frac{1}{4}$ s. 1-10N-4W	H. L. Hunt	A. L. Jackson #1	4-12-44	5-10-44	3817	Producer
14ab	47	Choctaw	SW $\frac{1}{4}$ SW $\frac{1}{4}$ s. 35-11N-4W	H. L. Hunt	W. J. Trice #1	4-28-44	5-8-44	3651	Producer
15ab	48	Choctaw	SW $\frac{1}{4}$ SE $\frac{1}{4}$ s. 34-10N-4W	H. L. Hunt	W. J. Trice #2	5-31-44	6-17-44	5340	Producer
16ab	49	Choctaw	SW $\frac{1}{4}$ NE $\frac{1}{4}$ s. 36-11N-5W	H. L. Hunt	Robert Land #2	5-10-44	6-10-44	5317	Producer
17ab	52	Choctaw	SE $\frac{1}{4}$ NE $\frac{1}{4}$ s. 35-11N-4W	H. L. Hunt	W. J. Trice #3	6-14-44	8-8-44	6014	Producer
18ab	54	Choctaw	SE $\frac{1}{4}$ NE $\frac{1}{4}$ s. 32-11N-4W	H. L. Hunt	Robert Land #3	6-20-44	7-15-44	4142	Producer
19ab	55	Choctaw	SE $\frac{1}{4}$ NE $\frac{1}{4}$ s. 36-11N-5W	H. L. Hunt	W. J. Trice #4	7-20-44	8-4-44	3832	Producer
20ab	56	Choctaw	SE $\frac{1}{4}$ NE $\frac{1}{4}$ s. 36-11N-5W	H. L. Hunt	W. S. Scruggs #1	8-12-44	9-15-44	5316	Producer
21ab	62	Choctaw	SW $\frac{1}{4}$ NE $\frac{1}{4}$ s. 31-11N-4W	H. L. Hunt	J. M. Boney #1	9-26-44	10-10-44	3890	Producer
22ab	66	Choctaw	SW $\frac{1}{4}$ NW $\frac{1}{4}$ s. 33-11N-4W	W. O. Woodward	Robert Land #3	10-10-44	11-16-44	3710	Producer
23ab	68	Choctaw	SW $\frac{1}{4}$ NW $\frac{1}{4}$ s. 33-11N-4W	H. L. Hunt	Mary Green et al #1	12-22-44	1-6-45	3483	Producer
24ab	69	Choctaw	SW $\frac{1}{4}$ SW $\frac{1}{4}$ s. 11-10N-4W	Hunt Oil Company	M. W. Smith Lumber Co. #1	11-16-44	11-25-44	5396	
25ab	70	Choctaw	SE $\frac{1}{4}$ NW $\frac{1}{4}$ s. 31-11N-4W	W. O. Woodward	Mary Green et al #2	11-2-44	11-28-44	3698	Producer
26ab	76	Choctaw	NE $\frac{1}{4}$ NW $\frac{1}{4}$ s. 33-11N-4W	H. L. Hunt	Maggie Utsey #2	1-8-45	1-23-45	3536	Producer
27ab	77	Choctaw	NW $\frac{1}{4}$ NW $\frac{1}{4}$ s. 33-10N-3W	Hunt Oil Company	J. C. Bollinger #1	12-9-44	12-22-44	5155	

28	64	Choctaw	NE $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ s. 7-11N-3W	Hamilton & Roland	Rubler Jackson	Lumber	
29	73	Choctaw	SW $\frac{1}{4}$ NE $\frac{1}{4}$ s. 32-11N-4W	H. L. Hunt	Company #1		11-3-44
30	74	Choctaw	NW $\frac{1}{4}$ SW $\frac{1}{4}$ s. 33-11N-4W	H. L. Hunt	Boney Scruggs #1		6-24-45
31	75	Choctaw	NE $\frac{1}{4}$ SE $\frac{1}{4}$ s. 34-11N-4W	H. L. Hunt	W. S. Scruggs #2		6-15-45
32	76	Choctaw	SW $\frac{1}{4}$ SE $\frac{1}{4}$ s. 29-10N-4W	John Green, Jr.	E. Utsey #1		1-29-45
33	77	Choctaw	SE $\frac{1}{4}$ NE $\frac{1}{4}$ s. 33-11N-4W	H. L. Hunt	Lucile Dawsey		1-1-45
34	81	Choctaw	NE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ s. 34-11N-4W	H. L. Hunt	Maggie Utsey #3		17-45
35	82	Choctaw	SW $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ s. 34-11N-4W	H. L. Hunt	H. G. Smith #1		6-11-45
36	83	Choctaw	SW $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ s. 34-11N-4W	H. L. Hunt	W. J. Trice #5		6-30-45
37	84	Choctaw	SE $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ s. 34-11N-4W	H. L. Hunt	W. J. Trice #6		3-31-45
38	87	Choctaw	NE $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$ s. 33-11N-4W	H. L. Hunt	J. M. Boney #2		2626
39	88	Choctaw	SE $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ s. 31-11N-4W	H. L. Hunt	J. M. Boney #2		3-20-45
40	96	Choctaw	SW $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ s. 5-10N-3W	Carter Oil Company	Robert Land #4		5-10-45
41	95	Choctaw	NW $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ s. 32-11N-4W	H. L. Hunt	Sam Alman #1		5-23-45
42	97	Choctaw	SE $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ s. 31-11N-4W	H. L. Hunt	J. M. Boney #3		7-13-45
43	99	Choctaw	SW $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ s. 32-11N-4W	H. L. Hunt	Robert Land #5		7-10-45
44	102	Choctaw	SW $\frac{1}{4}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$ s. 5-10N-3W	Carter Oil Company	J. M. Boney #4		7-23-45
45	10	Clarke	Gen. NW $\frac{1}{4}$ s. 27-8N-1W	Union Producing Co.	Caroline Moseley et al #1		8-5-45
46	15	Clarke	NE $\frac{1}{4}$ NW $\frac{1}{4}$ s. 14-10N-3E	W. R. Davis Company	M. M. Waite #1		8-21-45
47	64bc	Clarke	NE $\frac{1}{4}$ NW $\frac{1}{4}$ s. 30-9N-3E	Plains Production Co.	Scotch Lumber Co. #1		5-31-41
48	47ab	Clarke	NE $\frac{1}{4}$ SW $\frac{1}{4}$ s. 25-10N-1W	Bumte Oil Company			10-22-41
49	48	Clarke	NE $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ s. 6-7N-1E	James L. Duffy	S. Chapman #1		4-1-42
50	49ac	Colbert	S $\frac{1}{2}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ s. 10-45-15W	The California Company	Scotch Lumber Co. #1		12-7-44
51	103	Conceh	Gen. SW $\frac{1}{4}$ SW $\frac{1}{4}$ s. 13-4N-11E	Mellen & Gear	White City Plantation #1		6-3-45
52	17	Covington	SW $\frac{1}{4}$ SE $\frac{1}{4}$ s. 10-2N-14E	Hunt Oil Company	Alsbrook #1		8-8-45
53	22	Escambia	NE $\frac{1}{4}$ SW $\frac{1}{4}$ s. 27-3N-11E	G. W. Strake	T. R. Miller Mill #4		8-16-40
54	27	Escambia	NE $\frac{1}{4}$ SW $\frac{1}{4}$ s. 16-3N-12E	Hunt Oil Company	Bullard et al #1		8-25-45
55	53ab	Escambia	SE $\frac{1}{4}$ NW $\frac{1}{4}$ s. 10-3N-10E	Hunt Oil Company	T. R. Miller Mill #2		6-22-42
56	54bc	Escambia	SE $\frac{1}{4}$ NW $\frac{1}{4}$ s. 15-1N-10E	Humble Oil & Refining Co.	T. R. Miller Mill #1		6-4-43
57	55ab	Escambia	SW $\frac{1}{4}$ SE $\frac{1}{4}$ s. 3-1N-11E	Hunt Oil Company	Mrs. Skinner #1		3-2-44
58	56ab	Escambia	SW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ s. 32-3N-11E	Hunt Oil Company	Foshee-Miller Mill #1		5-26-44
59	58ac	Fayette	SE $\frac{1}{4}$ NW $\frac{1}{4}$ s. 28-16S-11W	Hunt Oil Company	Harry B. Jones #1		8-16-44
60	63	Fayette	SW $\frac{1}{4}$ NE $\frac{1}{4}$ s. 20-15S-12W	J. C. Shepherd	T. R. Miller Mill #3		9-12-44
61	64	Fayette	SW $\frac{1}{4}$ NE $\frac{1}{4}$ s. 21-16S-11W	H. A. Mills	Shepherd #1		6-14-45
62	61	Fayette	NW $\frac{1}{4}$ NW $\frac{1}{4}$ s. 13-16S-12W	Bill Dalton	Musgrove #1		12-19-41
63	62	Fayette	NW $\frac{1}{4}$ NW $\frac{1}{4}$ s. 3-16S-12W	Carter Bell	Morris White #1		1941
64	63c	Franklin	SE $\frac{1}{4}$ SW $\frac{1}{4}$ s. 4-6S-12W	B. L. Filligame	Mrs. Wright #1		10-13-44
65	64c	Greene	SW $\frac{1}{4}$ SW $\frac{1}{4}$ s. 4-6S-12W	E. O. Heath	Harbin #1		8-7-40
66	26	Franklin	NW $\frac{1}{4}$ NE $\frac{1}{4}$ s. 6-20N-2E	Smith Drilling Co.	W. O. Hester #1		8-24-40
67	27	Franklin	NW $\frac{1}{4}$ NE $\frac{1}{4}$ s. 6-20N-2E	Smith Drilling Co.	F. J. Inge #1		1941
68	78	Greene	NW $\frac{1}{4}$ SW $\frac{1}{4}$ s. 6-21N-2E	J. L. Cates	Steele #1		1943?

LIST OF WELLS—Continued

Map No.	Oil & Gas Board No.	County	Location	Operator	Farm Name	Started	Completed	Total Depth	Remarks
66a		Houston	NE $\frac{1}{4}$ NE $\frac{1}{4}$ s. 8-2N-29E	Columbia Oil Co.	State Land #1	3-23-39	4-23-39	2150	
67ac		Lamar	NE $\frac{1}{2}$ SE $\frac{1}{4}$ s. 23-14S-15W	Stanolind Oil Co.	Jack Woods #1-A	5-16-44	8-27-44	3170	
68ac		Lauderdale	SW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ s. 10-2S-10W	Davis & Jaynes	Shelton Estate #1	10-29-43	11-9-43	525	
69ac		Lauderdale	SE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ s. 9-2S-10W	Davis & Jaynes	Shelton Estate #2	11-43	12-43	550	
70ac		Lauderdale	NE cor. SW $\frac{1}{4}$ NW $\frac{1}{4}$ s. 10-2S-10W	Davis & Jaynes	Shelton Estate #3	12-43	1-44	550	
71ac		Lauderdale	NW $\frac{1}{4}$ SE $\frac{1}{4}$ s. 8-2S-12W	G. F. Mercer et al	Patterson #1	6-18-41	10-18-41	2000	
72		Lauderdale	SE $\frac{1}{4}$ SE $\frac{1}{4}$ s. 20-1S-10W	B. L. Fillingame et al	F. J. Mecke #1	1941	1941?	380	
73		Lauderdale	SE $\frac{1}{4}$ SW $\frac{1}{4}$ s. 21-1S-10W	B. L. Fillingame et al	F. J. Mecke #2	1943?	1943	1055	
74c		Lauderdale	NW $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ s. 33-1S-10W	J. L. Jaynes et al	Janet C. Simpson #1	8-17-44	8-30-44	500	
75ac		Lauderdale	E $\frac{1}{2}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ s. 17-5S-8W	Reynolds Metals Co.	Connors #1	5-15-43	9-9-44	4500	
76		Lawrence	s. 30-7S-6W	Mid-Southern Petroleum Co.	W. R. Jackson #1	4-1-39	8-16-40	2001	
77c		Limestone	NE $\frac{1}{4}$ NW $\frac{1}{4}$ s. 15-2S-4W	Shaw, Johnson & Thompson.	B. & T. Savings #1	12-19-40	1-19-41	445	
78		Limestone	NW $\frac{1}{4}$ SW $\frac{1}{4}$ s. 7-3S-3W	Shaw, Johnson & Thompson.	Glaze #1	1941	1941	331	
79		Limestone	SE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ s. 35-2S-5W	Shaw, Johnson & Thompson.	Carter #2	1941	1941	520	
80		Limestone	SE $\frac{1}{4}$ SW $\frac{1}{4}$ s. 35-2S-5W	Shaw, Johnson & Thompson.	Carter #2	1941	1941	1690	
81a		Madison	NW $\frac{1}{4}$ NE $\frac{1}{4}$ s. 2-6S-2E	W. W. Newman	W. R. Nichols #1	12-29-39	10-40	1690	
82ac		Madison	NW $\frac{1}{4}$ NE $\frac{1}{4}$ s. 2-6S-2E	W. W. Newman	W. R. Nichols #2	9-15-40	10-28-40	365	
83ac		Madison	NW $\frac{1}{4}$ NE $\frac{1}{4}$ s. 2-6S-2E	W. W. Newman	W. R. Nichols #3	11-1-40	12-40	279	
84a		Madison	NE $\frac{1}{4}$ s. 2-6S-2E	W. W. Newman	W. R. Nichols #3-b	6-6-41	1941	350	
85ac		Madison	S. 2-6S-2E	W. W. Newman	W. R. Nichols #4	2-27-41	4-26-41	305	
86a		Madison	NE $\frac{1}{4}$ NE $\frac{1}{4}$ s. 2-6S-2E	W. W. Newman	Dunk Hill #1	7-31-40	9-10-40	325	
87a		Madison	S. 35-5S-2E	E. O. Heath & W. W. Newman		1941	1941	280	
87a		Madison	SE $\frac{1}{4}$ SW $\frac{1}{4}$ s. 35-5S-2E	E. O. Heath & W. W. Newman	Cambron #1	1941	1941	280	
88a		Madison	SE $\frac{1}{4}$ SW $\frac{1}{4}$ s. 35-5S-2E	E. O. Heath & W. W. Newman	Cambron #2	10-20-41	1941	270	
89a		Madison	SE $\frac{1}{4}$ SW $\frac{1}{4}$ s. 32-5S-3E	W. W. Newman	Nebo #1	5-25-44	7-20-44	600	
90ac		Madison	NE $\frac{1}{4}$ NW $\frac{1}{4}$ s. 8-1S-1E	F. F. Mellen & Thompson.	Baldridge #1	8-12-41	9-12-41	1172	
91a		Madison	NW $\frac{1}{4}$ SE $\frac{1}{4}$ s. 8-1S-1E	Hazel Green Oil	W. L. Hill #1			1245	
92		Madison	NE $\frac{1}{4}$ SE $\frac{1}{4}$ s. 23-14N-1E	J. L. Caldwell et al	McCord #1				
93abc		Marengo	SE $\frac{1}{4}$ SE $\frac{1}{4}$ s. 23-14N-1E	Spier	Jordan #1	12-22-42	4-11-43	3578	
94abc		Marengo	SE $\frac{1}{4}$ SE $\frac{1}{4}$ s. 3-16N-2E	E. C. Johnston	R. D. Feteet #1	4-14-44	5-25-44	4523	

95ab	85	Marengo	SW $\frac{1}{4}$ NE $\frac{1}{4}$ s. 18-12N-1E	Hutchings	Mary Wadlington #1	5-14-45	5-28-45	4230
96a		Marshall	cen. W $\frac{1}{2}$ s. 3-7S-3E	Newman	Whitaker #1	7-43	10-5-43	795
97abc	61	Mobile	NW $\frac{1}{4}$ NE $\frac{1}{4}$ s. 24-7S-3W	Charles M. Sykes	Staford #1	7-26-44	8-12-44	4744
98abc		Mobile	cen. SE $\frac{1}{4}$ SE $\frac{1}{4}$ s. 2-6S-4W	Duffy #1	Fort #1	1940	1940	6518
99abc	23	Monroe	SE $\frac{1}{4}$ SE $\frac{1}{4}$ s. 28-7N-5E	F. W. Rohrer	W. S. Moore #1	5-25-43	8-3-43	5562
100ac	1	Morgan	NE $\frac{1}{4}$ NE $\frac{1}{4}$ s. 2-6S-1W	Bob Burch	Karl Hough #1	8-29-40	10-7-40	550
101ac	43	Morgan	SW $\frac{1}{4}$ SE $\frac{1}{4}$ s. 1-8S-4W	Bob Burch	J. P. Rowe #1	5-28-43	1-45	1827
102a		Sumter	S. 3-18N-1E	Bates	Belmont #1	1-24-28	4-28	655
103a		Sumter	SE $\frac{1}{4}$ SE $\frac{1}{4}$ s. 3-18N-1E	Bates	Belmont #2	4-28	1928?	1030
104b	100	Sumter	NE $\frac{1}{4}$ SW $\frac{1}{4}$ s. 18-19N-4W	J. H. Gwin	Allison Lumber Co. #1	5-22-45	8-31-45	2616
105ac		Tuscaloosa	SE $\frac{1}{4}$ NW $\frac{1}{4}$ s. 2-18S-9W	Stanford Oil Co.	G. B. Sandel #1	4-2-43	7-13-43	5410
106abc	18	Walker	SW $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ s. 14-14S-9W	Superior Oil Co.	Moss-McCormick #1	10-21-42	12-18-42	4350
107ac	33	Walker	NE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ s. 20-13S-7W	Stanford Oil Co.	Ulysses Coal Co. #1	3-4-44	4-19-44	1719
108a		Walker	SW $\frac{1}{4}$ SW $\frac{1}{4}$ s. 12-13S-10W	Champlin Refining Co.	Galloway Coal #1	6-15-40	12-4-40	4182
109c	80	Walker	cen. N $\frac{1}{2}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$ s. 6-13S-6W	Glenn D. Rose	Ulysses #1	2-13-45	8-4-45	3450
110	94	Walker	W $\frac{1}{2}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$ s. 30-12-7W	Glenn D. Rose	First National Bank #2	6-27-45		
111abc	36	Washington	SE $\frac{1}{4}$ SW $\frac{1}{4}$ s. 16-6N-4W	Humble Oil & Refining Co.	J. R. Williams #1	1-30-44	3-10-44	7510
112abc	25	Washington	NW $\frac{1}{4}$ NE $\frac{1}{4}$ s. 28-6N-4W	Humble Oil & Refining Co.	C. D. Scott #1	9-3-43	1-12-44	7860
113abc	42	Washington	SW $\frac{1}{4}$ NW $\frac{1}{4}$ s. 33-6N-4W	Humble Oil & Refining Co.	C. D. Scott #2	3-21-44	5-1-44	7320
114abc	51	Washington	SE $\frac{1}{4}$ SE $\frac{1}{4}$ s. 27-4N-3W	The Texas Company	W. E. Odum #1	6-12-44	8-21-44	8235
115abc	57	Washington	SW $\frac{1}{4}$ NW $\frac{1}{4}$ s. 20-6N-4W	Humble Oil & Refining Co.	J. R. Williams #B-1	8-25-44	10-18-44	6547
116abc	60	Washington	cen. SW $\frac{1}{4}$ NW $\frac{1}{4}$ s. 10-3N-3W	The Texas Company	Stallworth Naval Stores #1	9-17-44	11-15-44	8368
117c	65	Washington	cen. SW $\frac{1}{4}$ NE $\frac{1}{4}$ s. 9-8N-2W	J. T. Parks	Hobson #1	10-8-44		
118	101	Washington	NW $\frac{1}{4}$ NE $\frac{1}{4}$ s. 12-8N-3W	Wayne Refining Co.	Willie Mitchell #1	4-9-45	7-12-45	5525
119abc	31	Wilcox	SE $\frac{1}{4}$ SE $\frac{1}{4}$ s. 7-11N-5E	Reid Clark	Jeanette Curtis #1	11-26-43	12-12-43	4005
120abc	67	Wilcox	SW $\frac{1}{4}$ NW $\frac{1}{4}$ s. 32-12N-5E	Southern Natural Gas Co.	Fannie Stokes #1	11-30-43	1-15-45	4305
121bc	9	Wilcox	NW $\frac{1}{4}$ SW $\frac{1}{4}$ s. 9-1N-10E	Reid Clark	R. F. McWilliams #1	1-9-42	6-20-42	3327
122	93	Wilcox	SE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ s. 32-12N-5E	Southern Natural Gas Co.	G. W. Morgan Estate #1	6-29-45	9-20-42	3128
123ac	16	Winston	NW $\frac{1}{4}$ NE $\frac{1}{4}$ s. 30-9S-10W	G. L. Reasor	J. J. Henderson #1	2-26-42		
124ac	20	Winston	NW $\frac{1}{4}$ NE $\frac{1}{4}$ s. 18-12S-8W	Superior Oil Company	First National Bank of Birmingham #1	2-10-43	4-29-43	1856
125ac	71	Winston	NW $\frac{1}{4}$ NE $\frac{1}{4}$ s. 18-12S-8W	Glenn D. Rose	First National Bank of Birmingham Trustee #1	12-11-44	1-21-45	2000

WATER WELLS

126	Hale	Mound Park, Moundville	Mound Park	Water Well #1	502
127	Hale	Mound Park, Moundville	Mound Park	Water Well #2	515
128	Walker	Oakman	Oakman	Water Well	400

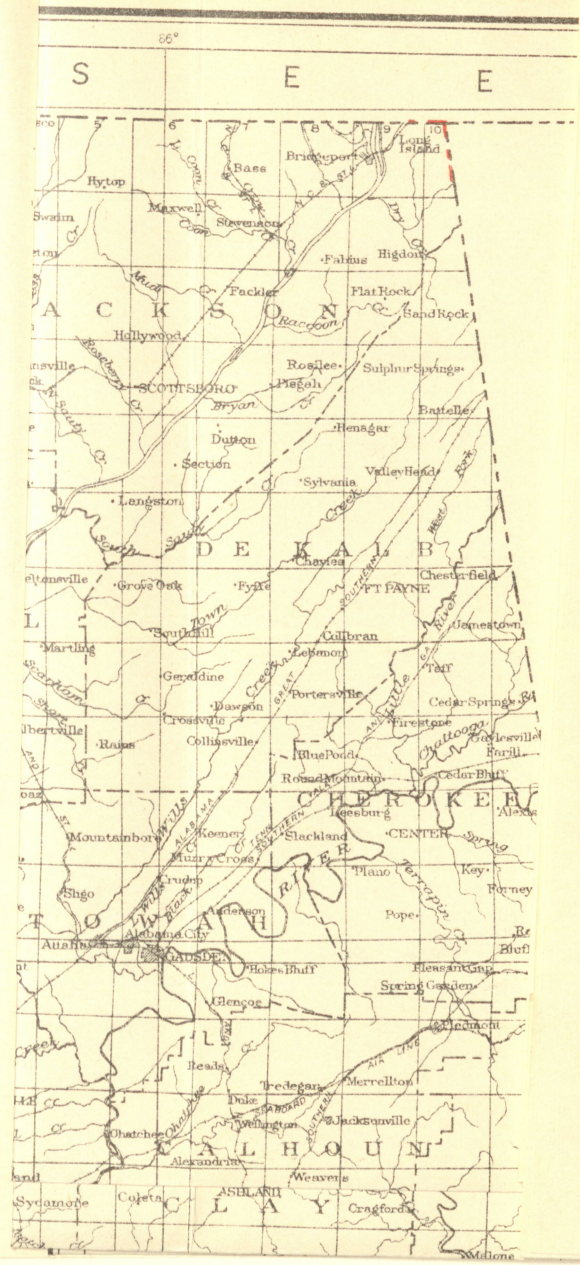
a Driller's log.

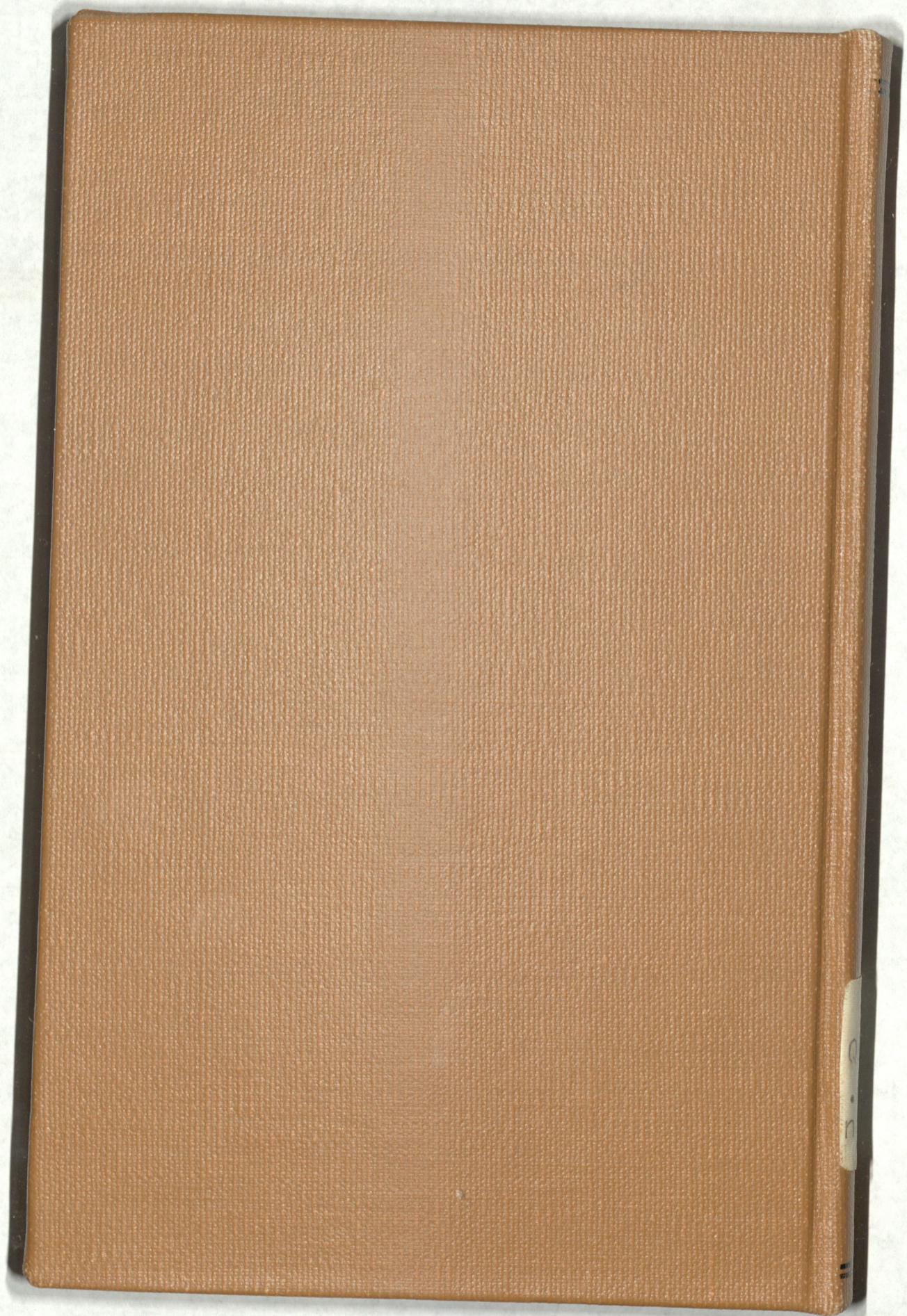
b Schlumberger log in files of Geological Survey of Alabama.

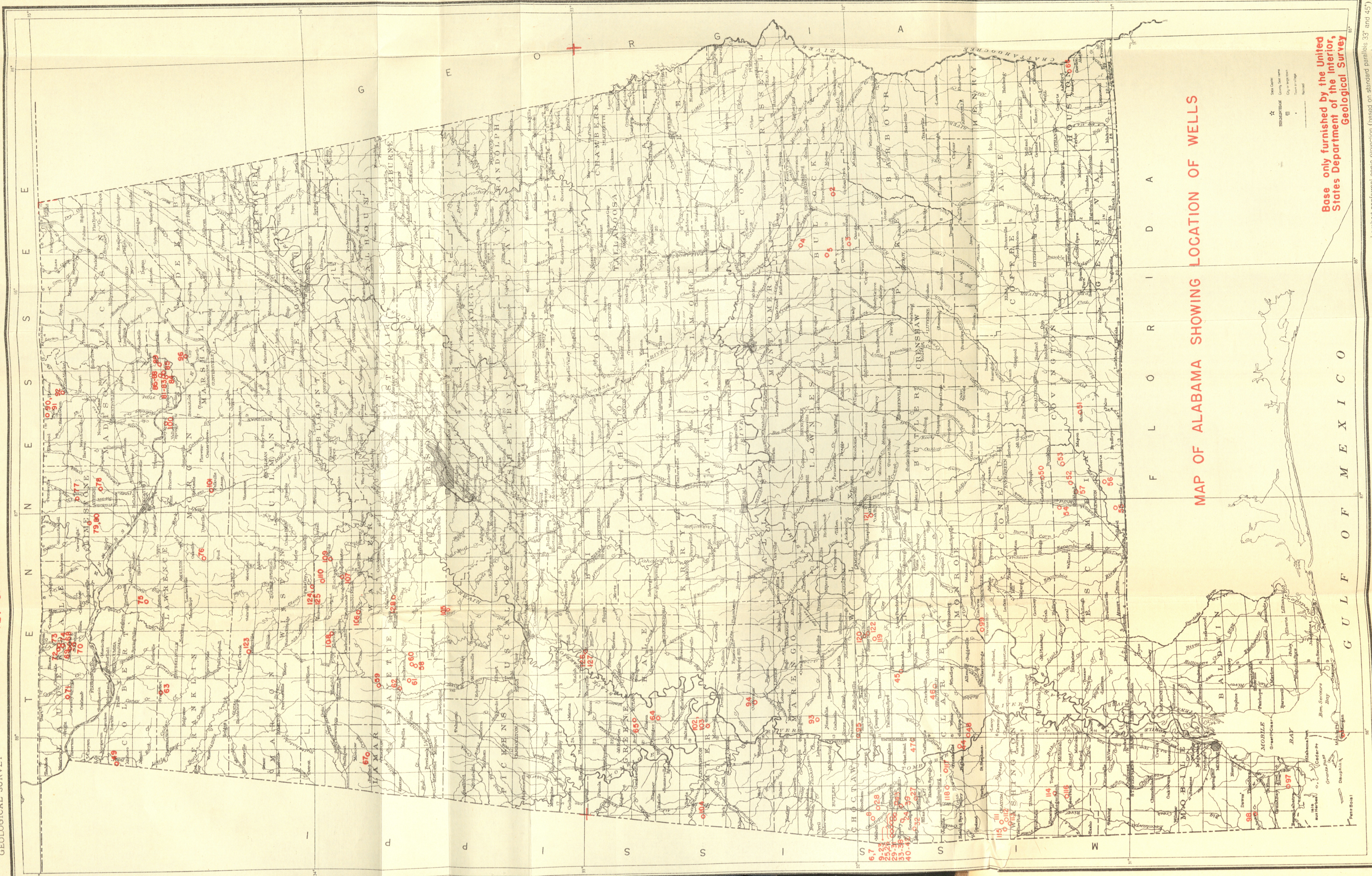
c Well samples in Survey collection.

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BULLETIN 57 PLAT







Base only furnished by the United
States Department of the Interior,
Geological Survey

A. F. Hassard, Cartographic Engineer
General and Assistant
Lambert conformal conic projection (based on standard parallels 33° and 45°)
North American datum
Elevation of 553
Revised 1945